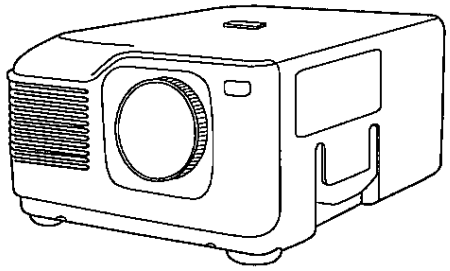
SHARP

# SERVICE MANUAL
# SERVICE-ANLEITUNG
# 维修手册

S76L9XG3790E/



## SECAM/PAL/NTSC SYSTEM
## LCD PROJECTOR
## LCD PROJEKTOR
液晶投影机

MODEL
MODELL
型号 **XG-3790E**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Im Interesse der Benutzer-Sicherheit (in einigen Länder durch Sicherheitzvorschriften gefordert) sollte dieses Gerät wieder auf seinen ursprünglichen Zustand eingestellt und nur die vorgeschriebenen Teile verwendet werden.

为了用户安全起见(根据一些国家的安全规程的需要)，应将电视机保持于最初的状态，而且只能使用与指定物相同的部件。

**The XG-3790E is based on the XG-3700E. Other technical items than described in this Service Manual are refered to in the XG-3700E Service Manual.**

**Das Modell XG-3790E basiert auf dem Modell XG-3700E. Für technische Beschreibungen, die nicht in dieser Service-Anleitung enthalten sind, ist auf die XG-3700E Service-Anleitung Bezug zu nehmen.**

**型号XG-3790E是以型号XG-3700E为基础的。关于本维修手册中未记载的技术项目，在型号XG-3700E用维修手册中均有记载。**

SHARP CORPORATION

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  For this model, the Main Unit parts the reference numbers of which are 4100 through 4199 have been abolished. Accordingly, it is unnecessary ot make the adjustments "No. 12 Scan Converter Oscillation" and "No. 13 PAL L Level" that are discussed on page 15 of the XG-3700E Service Manual.
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  Bei diesem Modell wurden die Bauteile der Haupteinheit (Bezugsnummern 4100 bis 4199) abgeschafft.

  Demnach ist es unnötig, die Einstellungen "Nr. 12 Scan-Konverter-Schwingung" und "Nr. 13 PAL L-Ebene" durchzuführen. Diese Posten werden auf Seite 15 der XG-3700E Service-Anleitung behandelt.
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  电路调试

  关于本型号的主装置零件，参考编号4100至4199的零件均被废除。因此，不需进行型号XG-3700E用维修手册第15页所记载的"12.扫描行数变换器的振荡"和"PAL制式低电平"的调整。
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# Specifications

| | |
|---|---|
| Product Type | LCD Projector |
| Model | XG-3790E |
| Video system | PAL/SECAM/NTSC 3.58/NTSC 4.43 |
| Display method | LCD panel × 1, RGB optical shutter method |
| LCD panel | |
| PANEL SIZE | 16.3 cm (6.4") (97.5 [H] × 130.0 [W] mm) |
| DISPLAY METHOD | Translucent TN liquid crystal panel |
| DRIVE METHOD | TFT (Thin Film Transistor) Active Matrix panel |
| NO. OF PIXELS | 480,000 pixels (800 [W] x 600 [V]) |
| Lens | F4.4, f = 218 mm |
| Projection lamp | 350 W Metal halide |
| Contrast ratio | 100:1 |
| Video input signal | RCA Connector: VIDEO, composite video, 1 Vp-p, sync negative, 75 Ω terminal<br>RCA Connector: AUDIO, 0.5V rms less than 22k Ω |
| S-video input signal | 4-pin mini DIN connector<br>Y (luminance signal): 1 Vp-p, sync negative, 75 Ω terminated<br>C (chrominance signal): burst 0.286 Vp-p, 75 Ω terminated |
| Audio output signal | RCA Connector: AUDIO, 0.5V rms less than 2.2k Ω |
| Horizontal resolution | 500 TV lines (video input) |
| Audio output | 5 W (monaural) |
| Computer RGB input signal | |
| Data signal | 15 pin mini D-sub connector: RGB separate type analog input: 0.7 Vp-p, positive, 75 Ω terminated |
| Audio signal | Stereo Minijack: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) |
| HORIZONTAL SYNC. SIGNAL | TTL level (positive/negative) or composite sync (Macintosh only) |
| VERTICAL SYNC. SIGNAL | Same as above |
| Speaker system | 3" (8 cm) round |
| Rated voltage | AC 200-240 V |
| Rated frequency | 60/50Hz |
| Power consumption | 450 W |
| Operating temperature | 5°C to 40°C |
| Storage temperature | −20°C to 55°C |
| Cabinet | Plastic |
| Dimensions (W × D × H) | 351 x 499 x 222 mm |
| Weight | 10.2 kg |
| Supplied accessories | Remote control unit, Two AAA batteries, Extra air filter, VGA signal cable (3 m), Mac/VGA adaptor, AC cord, Lens cover (installed) |
| Replacement parts | Remote control, Air filter, VGA cable, Mac/VGA adaptor, AC cord |

Our projector uses an LCD (Liquid Crystal Display) panel. This very sophisticated panel contains 480,000 pixels. (RGB Trio) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and/or video cameras, there are certain acceptable tolerances that the equipment must conform to. Sharp's acceptable tolerances permit a total of 35 inactive TFTs, which may result in illuminated dots on the picture screen.

This will not affect the picture quality or the life expectancy of the unit.

*Specifications are subject to change without notice.*

# NOTE TO SERVICE PERSONNEL

## UV-RADIATION PRECAUTION

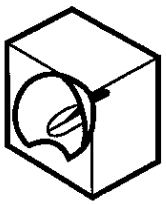
**The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.**

**AVOID DIRECT EYE AND SKIN EXPOSURE.**

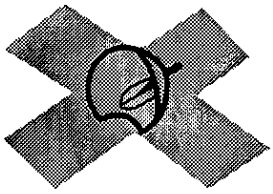
**To ensure safety please adhere to the following:**

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned "on" and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



## UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0037DE01 rated 65V/350W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

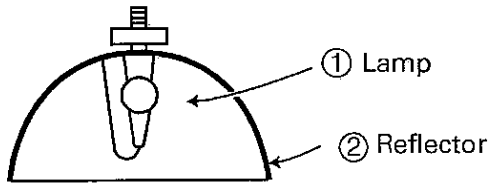
## ■ Lamp Replacement

**Note:**

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.)

Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]




**DANGER !** — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

### UV-RADIATION PRECAUTION (Continued)

Place the lamp cover on the opening during servicing. (Fig. 1)

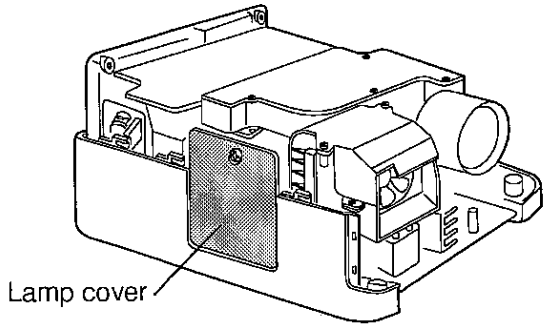
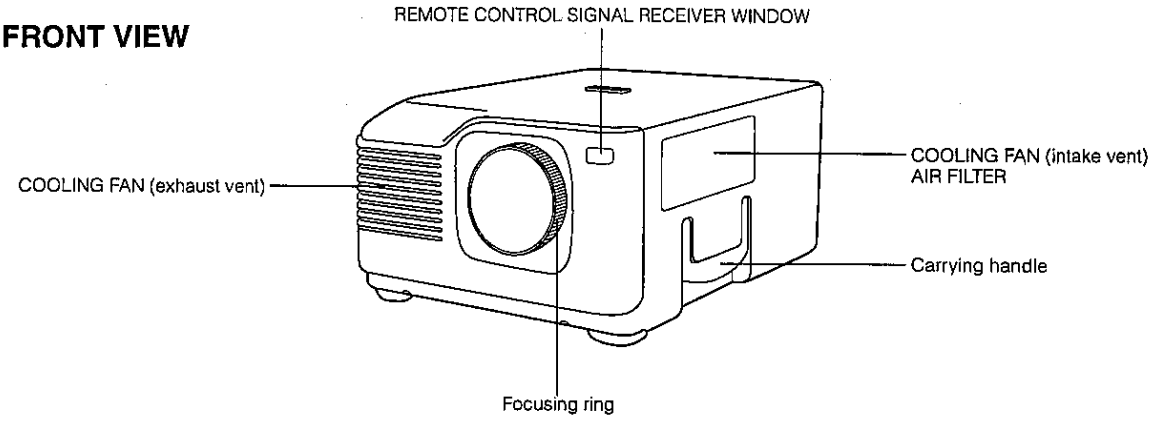



Figure 1

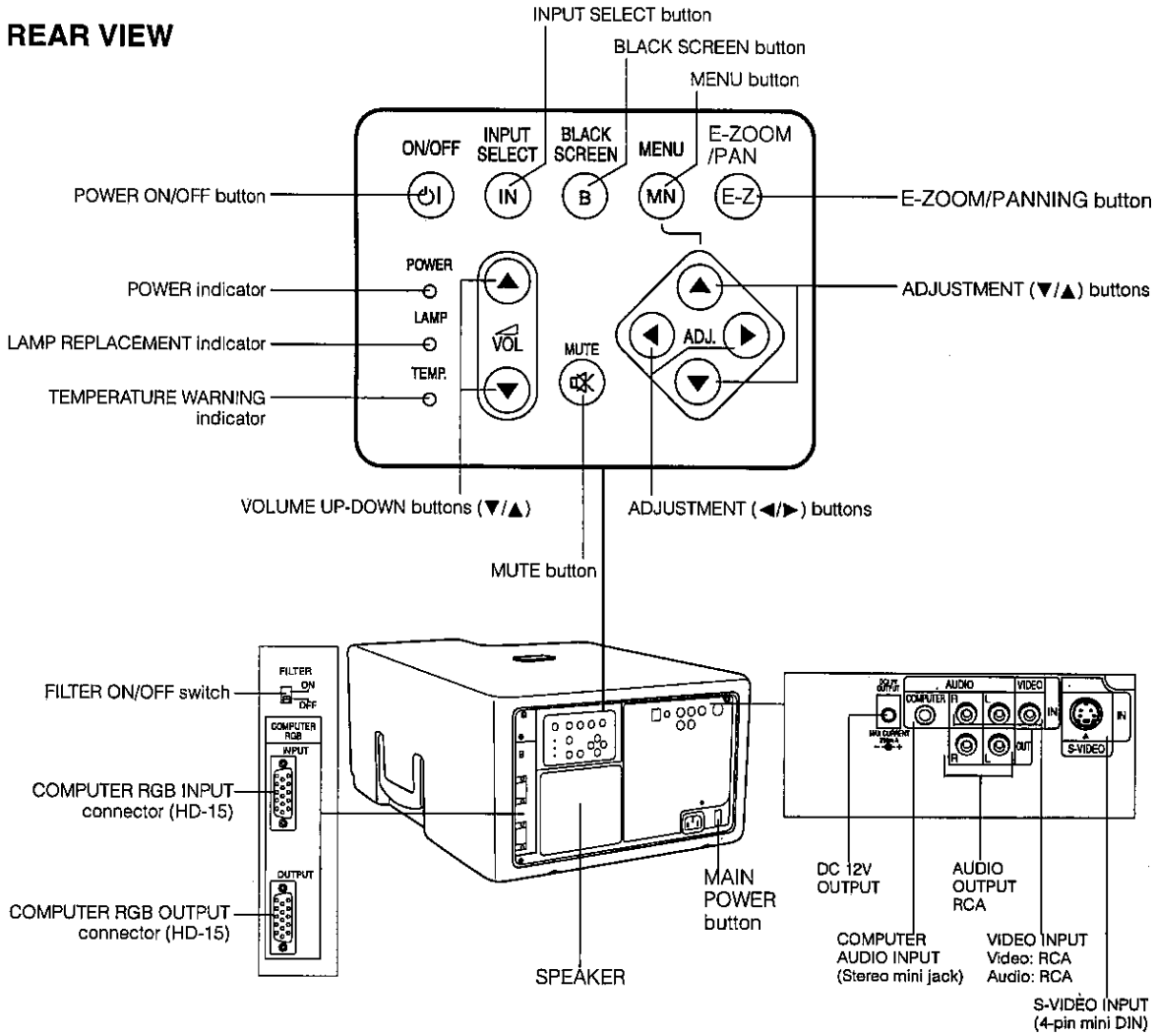
# Location of Controls

## FRONT VIEW




## OPERATION PANEL ON REAR OF PROJECTOR

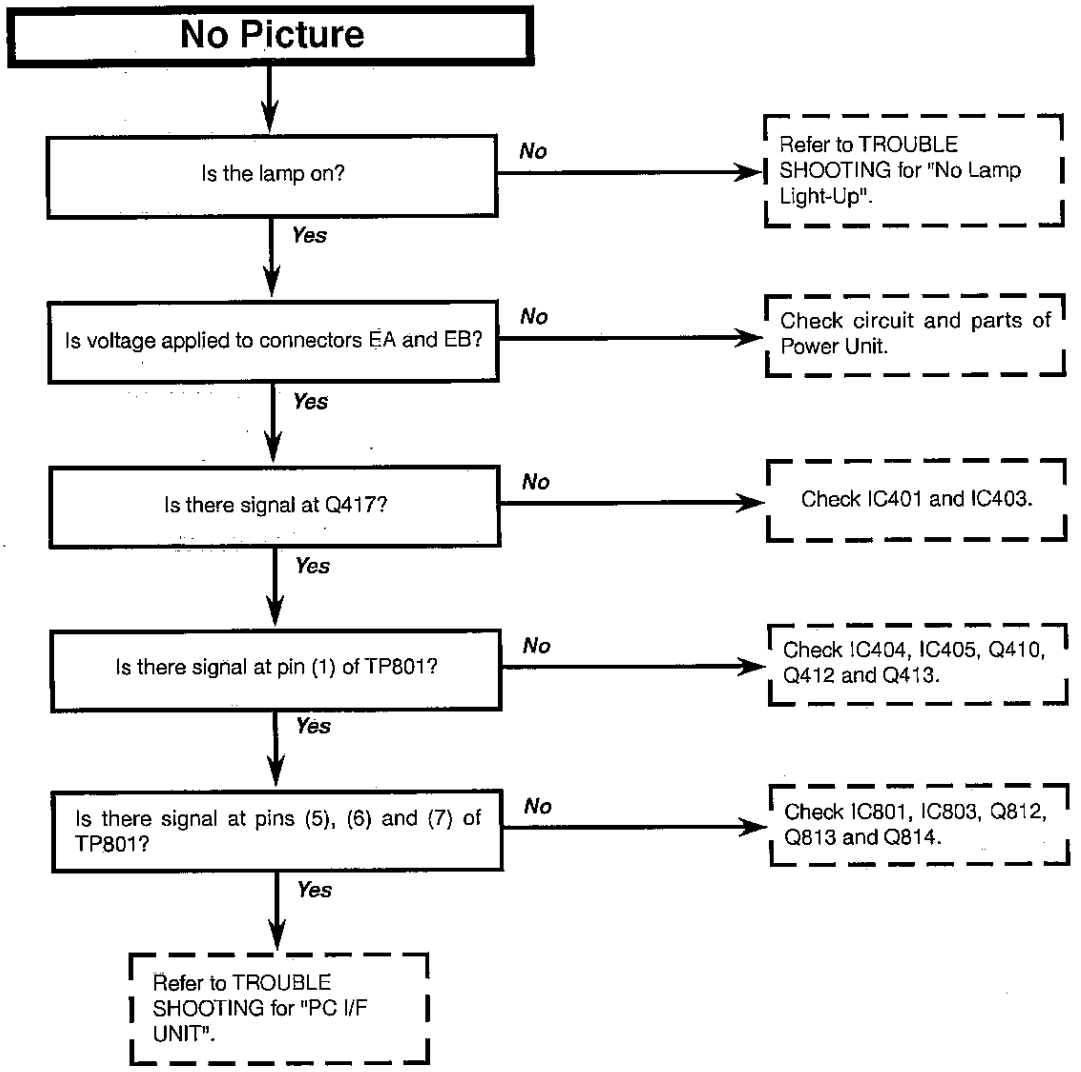
## REAR VIEW

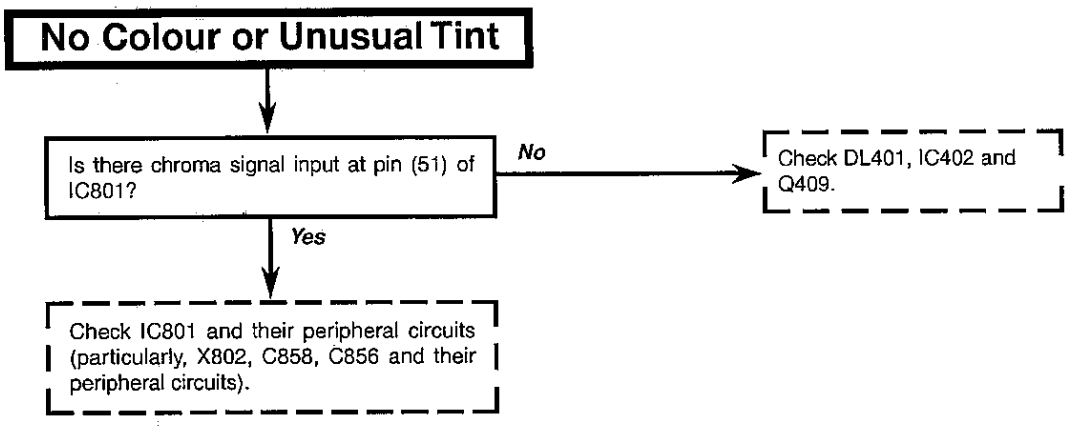



**Note:**

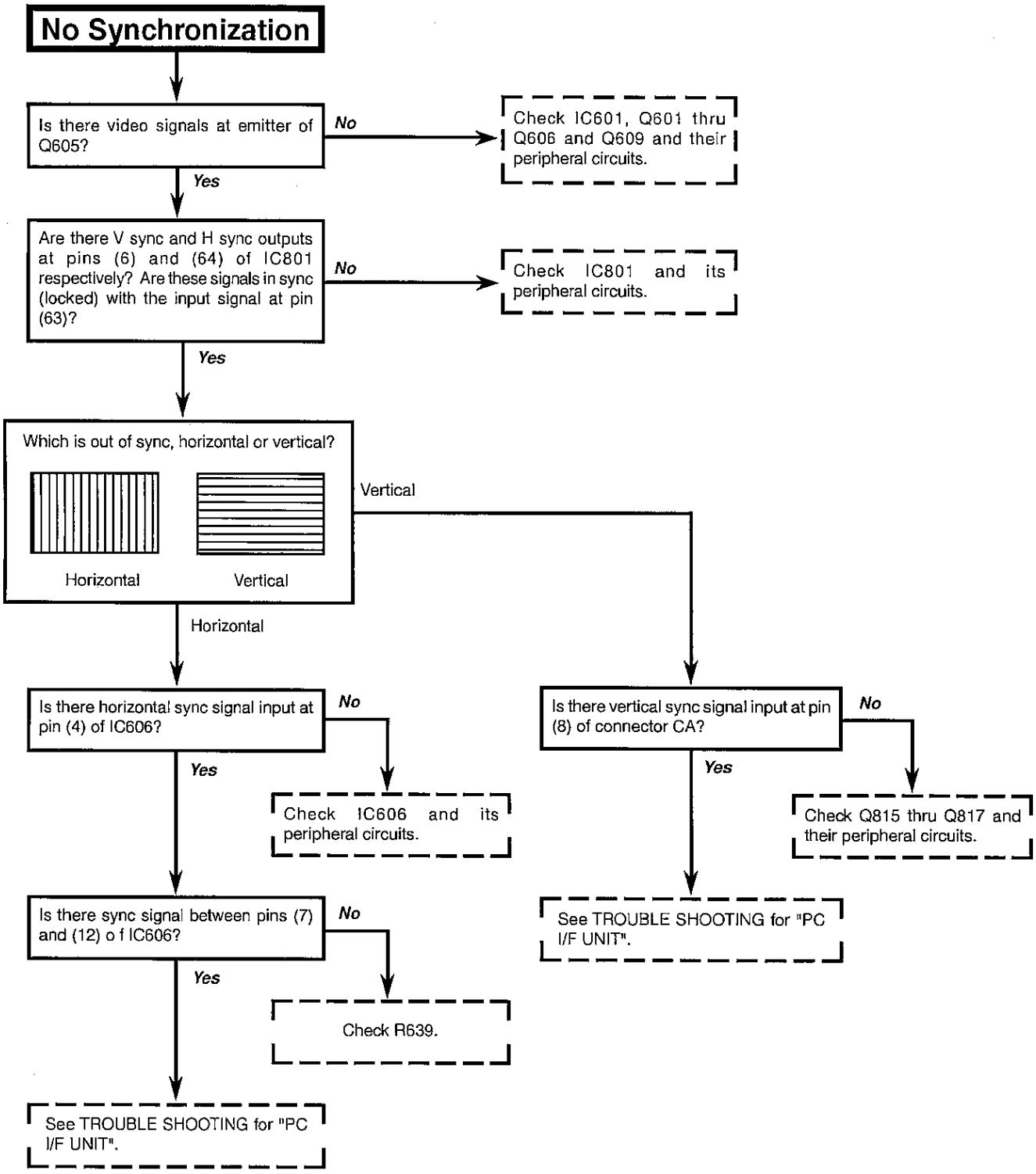
- If a current of 200mA or more is drawn from the DC 12V OUTPUT jack, a protection device will automatically turn off the projector and leave it in stand-by mode.

# TROUBLE SHOOTING TABLE

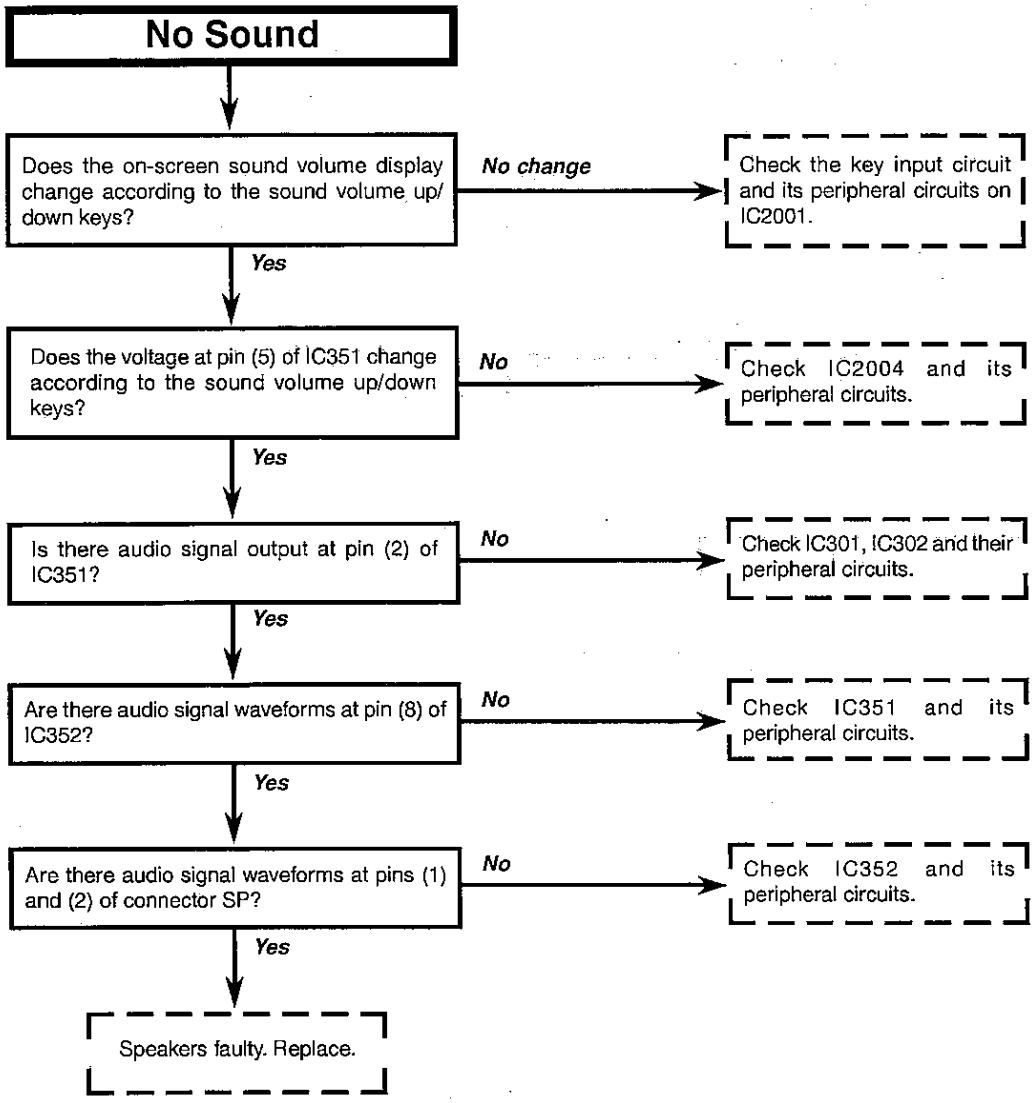

No Picture
Is the lamp on?
No
Refer to TROUBLE SHOOTING for "No Lamp Light-Up".
Yes
Is voltage applied to connectors EA and EB?
No
Check circuit and parts of Power Unit.
Yes
Is there signal at Q417?
No
Check IC401 and IC403.
Yes
Is there signal at pin (1) of TP801?
No
Check IC404, IC405, Q410, Q412 and Q413.
Yes
Is there signal at pins (5), (6) and (7) of TP801?
No
Check IC801, IC803, Q812, Q813 and Q814.
Yes
Refer to TROUBLE SHOOTING for "PC I/F UNIT".


No Colour or Unusual Tint
Is there chroma signal input at pin (51) of IC801?
No
Check DL401, IC402 and Q409.
Yes
Check IC801 and their peripheral circuits (particularly, X802, C858, C856 and their peripheral circuits).

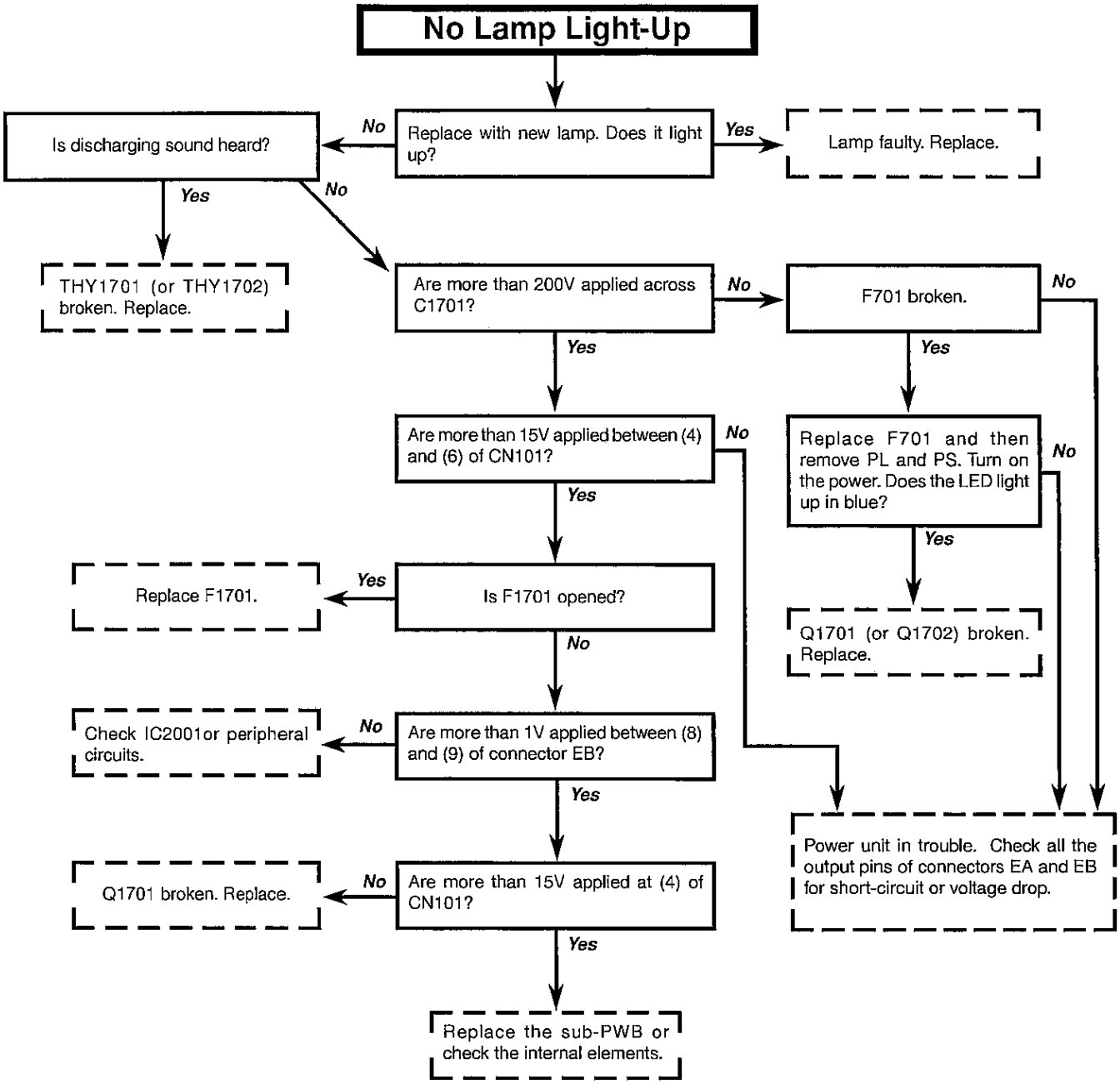
# TROUBLE SHOOTING TABLE (Continued)


No Synchronization
Is there video signals at emitter of Q605?
No
Check IC601, Q601 thru Q606 and Q609 and their peripheral circuits.
Yes
Are there V sync and H sync outputs at pins (6) and (64) of IC801 respectively? Are these signals in sync (locked) with the input signal at pin (63)?
No
Check IC801 and its peripheral circuits.
Yes
Which is out of sync, horizontal or vertical?
Horizontal
Vertical
Vertical
Horizontal
Is there horizontal sync signal input at pin (4) of IC606?
No
Check IC606 and its peripheral circuits.
Yes
Is there sync signal between pins (7) and (12) o f IC606?
No
Check R639.
Yes
See TROUBLE SHOOTING for "PC I/F UNIT".
Is there vertical sync signal input at pin (8) of connector CA?
No
Check Q815 thru Q817 and their peripheral circuits.
Yes
See TROUBLE SHOOTING for "PC I/F UNIT".

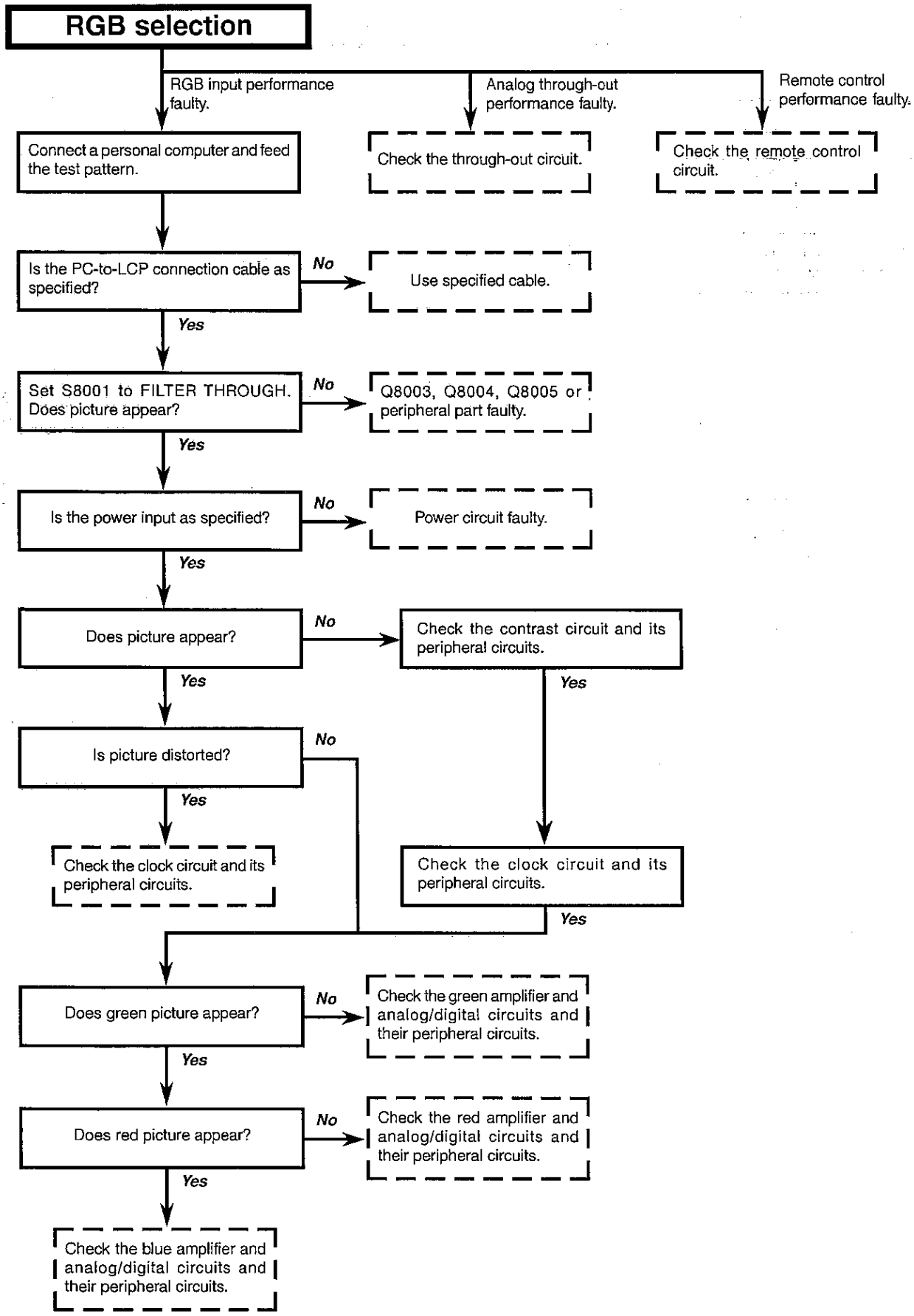
# TROUBLE SHOOTING TABLE (Continued)


No Sound
Does the on-screen sound volume display change according to the sound volume up/down keys?
No change
Check the key input circuit and its peripheral circuits on IC2001.
Yes
Does the voltage at pin (5) of IC351 change according to the sound volume up/down keys?
No
Check IC2004 and its peripheral circuits.
Yes
Is there audio signal output at pin (2) of IC351?
No
Check IC301, IC302 and their peripheral circuits.
Yes
Are there audio signal waveforms at pin (8) of IC352?
No
Check IC351 and its peripheral circuits.
Yes
Are there audio signal waveforms at pins (1) and (2) of connector SP?
No
Check IC352 and its peripheral circuits.
Yes
Speakers faulty. Replace.

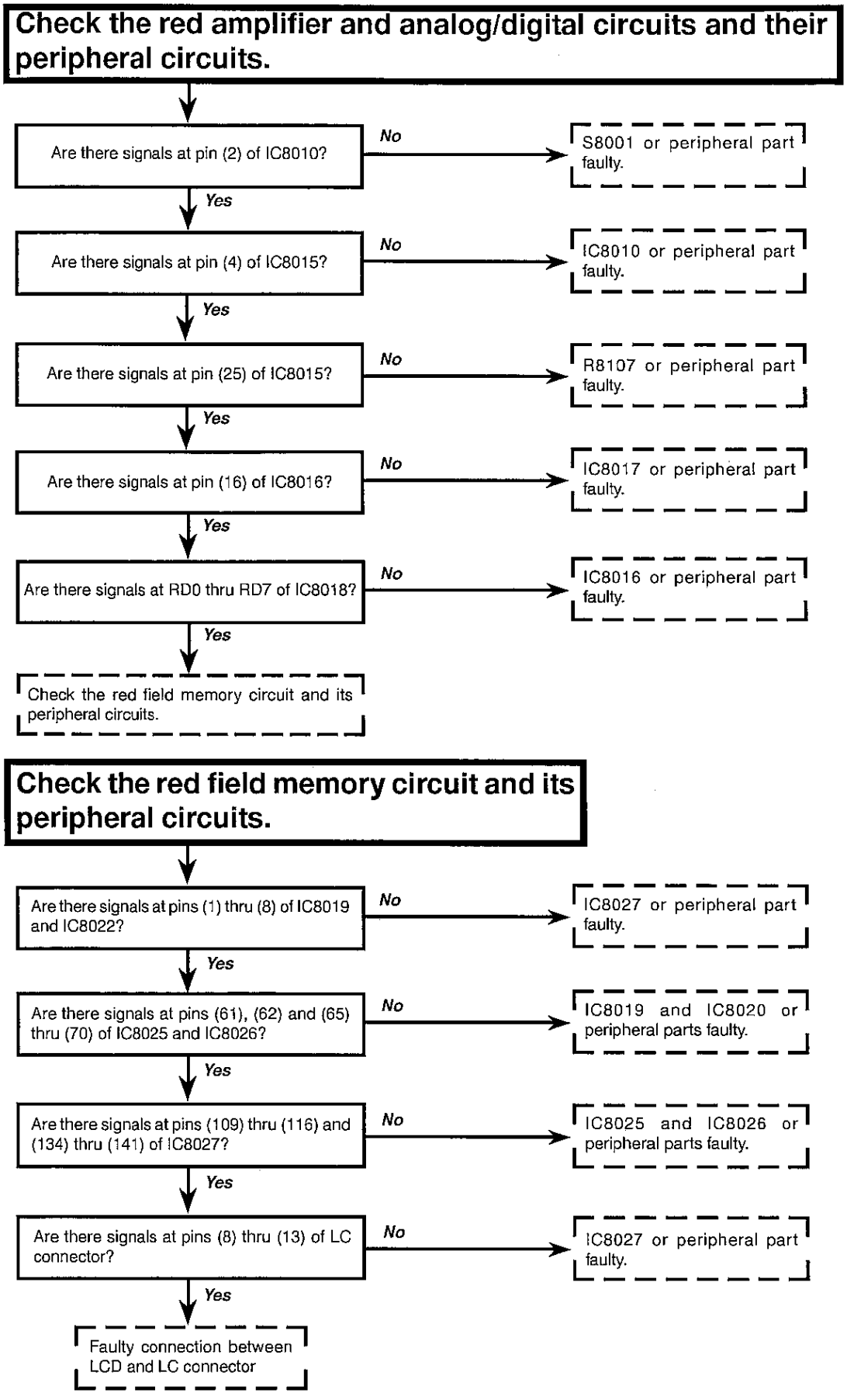
# TROUBLE SHOOTING TABLE (Continued)


No Lamp Light-Up
Replace with new lamp. Does it light up?
No
Yes
Lamp faulty. Replace.
Is discharging sound heard?
Yes
No
THY1701 (or THY1702) broken. Replace.
Are more than 200V applied across C1701?
No
F701 broken.
No
Yes
Yes
Are more than 15V applied between (4) and (6) of CN101?
No
Replace F701 and then remove PL and PS. Turn on the power. Does the LED light up in blue?
No
Yes
Yes
Replace F1701.
Yes
Is F1701 opened?
Q1701 (or Q1702) broken. Replace.
No
Check IC2001or peripheral circuits.
No
Are more than 1V applied between (8) and (9) of connector EB?
Yes
Power unit in trouble. Check all the output pins of connectors EA and EB for short-circuit or voltage drop.
Q1701 broken. Replace.
No
Are more than 15V applied at (4) of CN101?
Yes
Replace the sub-PWB or check the internal elements.

# TROUBLE SHOOTING FOR PC/IF UNIT

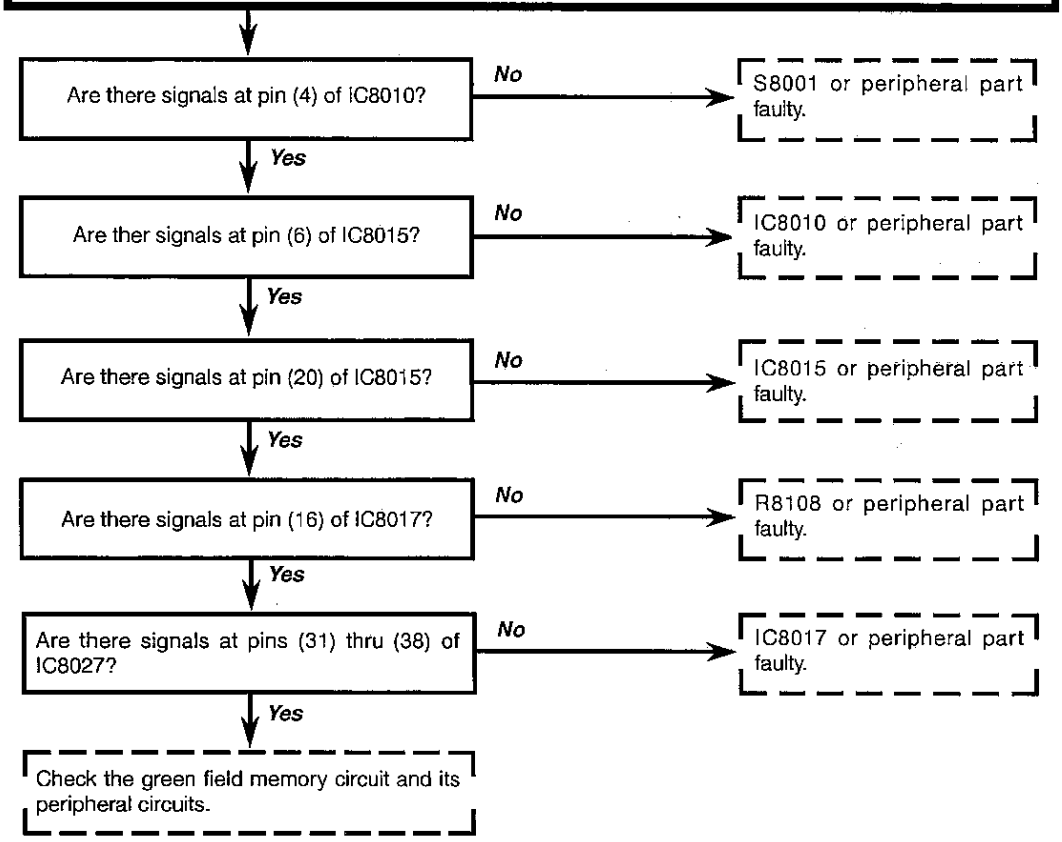


# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)

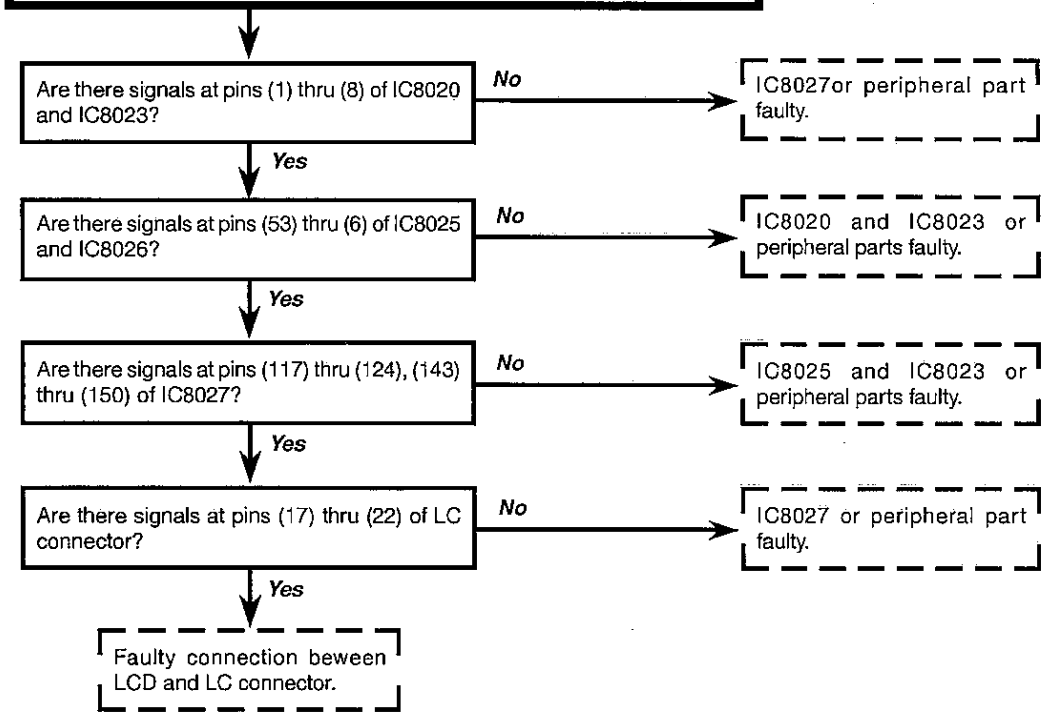

Check the red amplifier and analog/digital circuits and their peripheral circuits.
Are there signals at pin (2) of IC8010?
No
S8001 or peripheral part faulty.
Yes
Are there signals at pin (4) of IC8015?
No
IC8010 or peripheral part faulty.
Yes
Are there signals at pin (25) of IC8015?
No
R8107 or peripheral part faulty.
Yes
Are there signals at pin (16) of IC8016?
No
IC8017 or peripheral part faulty.
Yes
Are there signals at RD0 thru RD7 of IC8018?
No
IC8016 or peripheral part faulty.
Yes
Check the red field memory circuit and its peripheral circuits.
Check the red field memory circuit and its peripheral circuits.
Are there signals at pins (1) thru (8) of IC8019 and IC8022?
No
IC8027 or peripheral part faulty.
Yes
Are there signals at pins (61), (62) and (65) thru (70) of IC8025 and IC8026?
No
IC8019 and IC8020 or peripheral parts faulty.
Yes
Are there signals at pins (109) thru (116) and (134) thru (141) of IC8027?
No
IC8025 and IC8026 or peripheral parts faulty.
Yes
Are there signals at pins (8) thru (13) of LC connector?
No
IC8027 or peripheral part faulty.
Yes
Faulty connection between LCD and LC connector

# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)

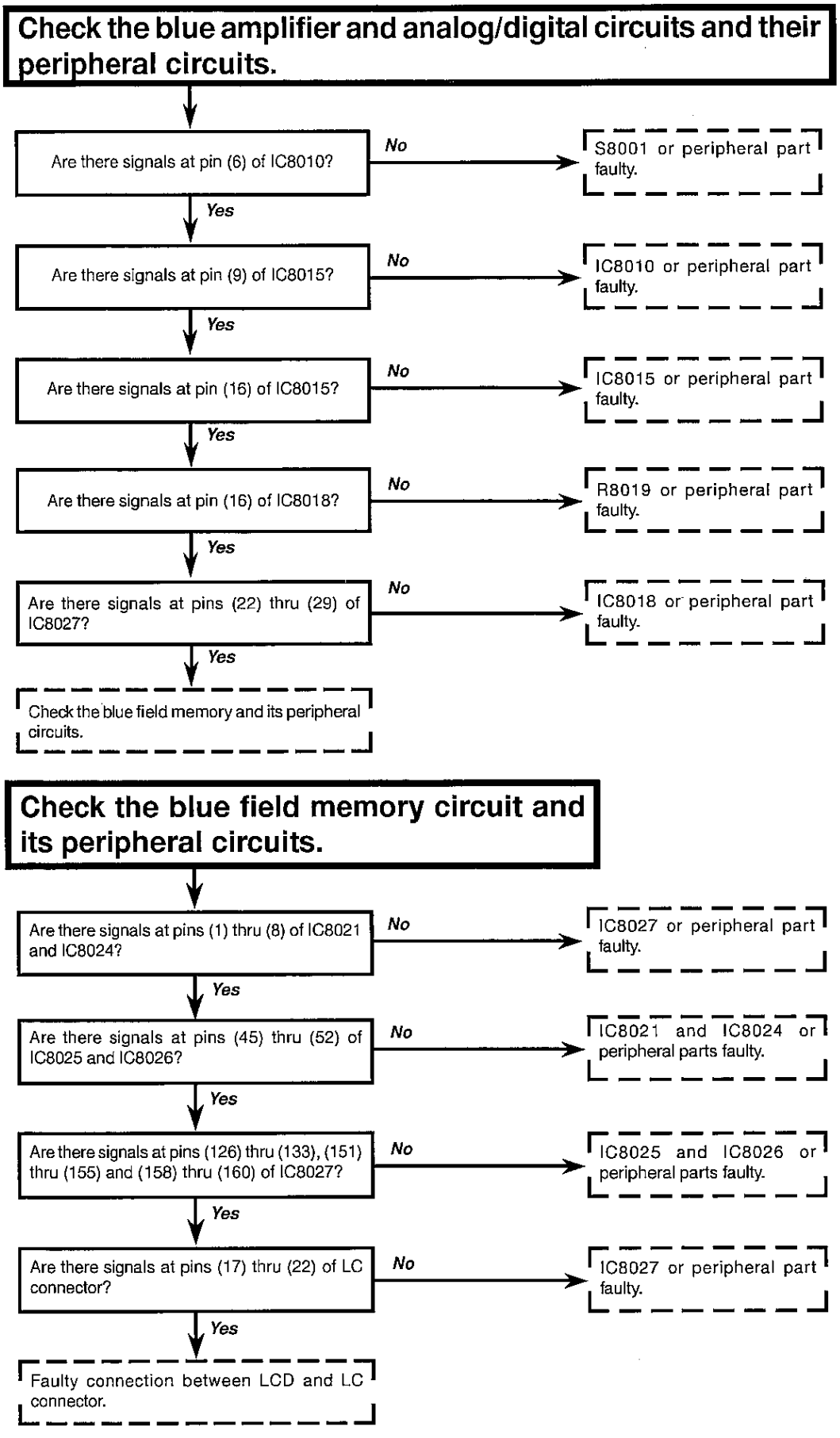
## Check the green amplifier and analog/digital circuits and their peripheral circuits.


Are there signals at pin (4) of IC8010?
No
S8001 or peripheral part faulty.
Yes
Are ther signals at pin (6) of IC8015?
No
IC8010 or peripheral part faulty.
Yes
Are there signals at pin (20) of IC8015?
No
IC8015 or peripheral part faulty.
Yes
Are there signals at pin (16) of IC8017?
No
R8108 or peripheral part faulty.
Yes
Are there signals at pins (31) thru (38) of IC8027?
No
IC8017 or peripheral part faulty.
Yes
Check the green field memory circuit and its peripheral circuits.

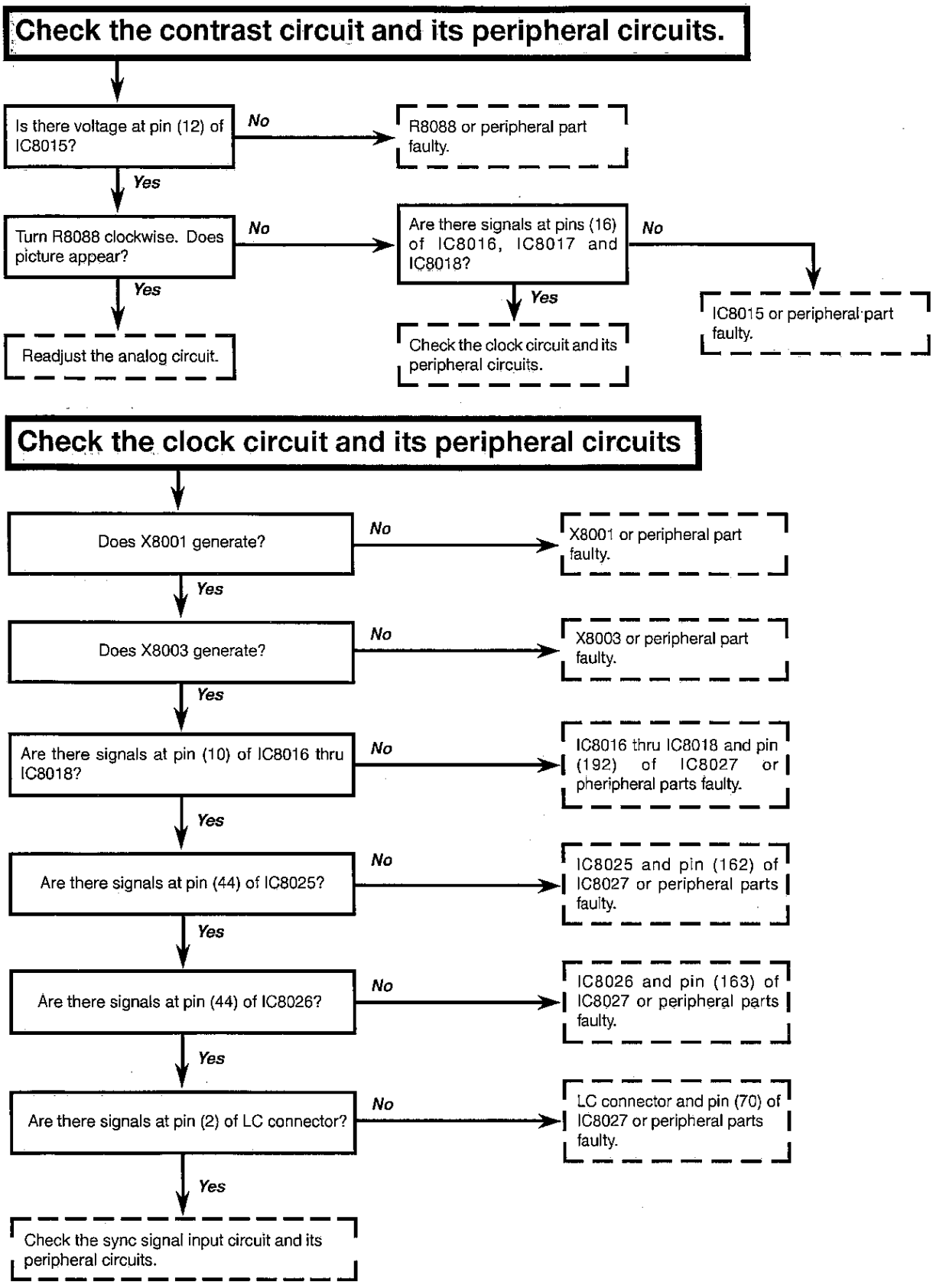
## Check the green field memory circuit and its peripheral circuits.


Are there signals at pins (1) thru (8) of IC8020 and IC8023?
No
IC8027or peripheral part faulty.
Yes
Are there signals at pins (53) thru (6) of IC8025 and IC8026?
No
IC8020 and IC8023 or peripheral parts faulty.
Yes
Are there signals at pins (117) thru (124), (143) thru (150) of IC8027?
No
IC8025 and IC8023 or peripheral parts faulty.
Yes
Are there signals at pins (17) thru (22) of LC connector?
No
IC8027 or peripheral part faulty.
Yes
Faulty connection beween LCD and LC connector.

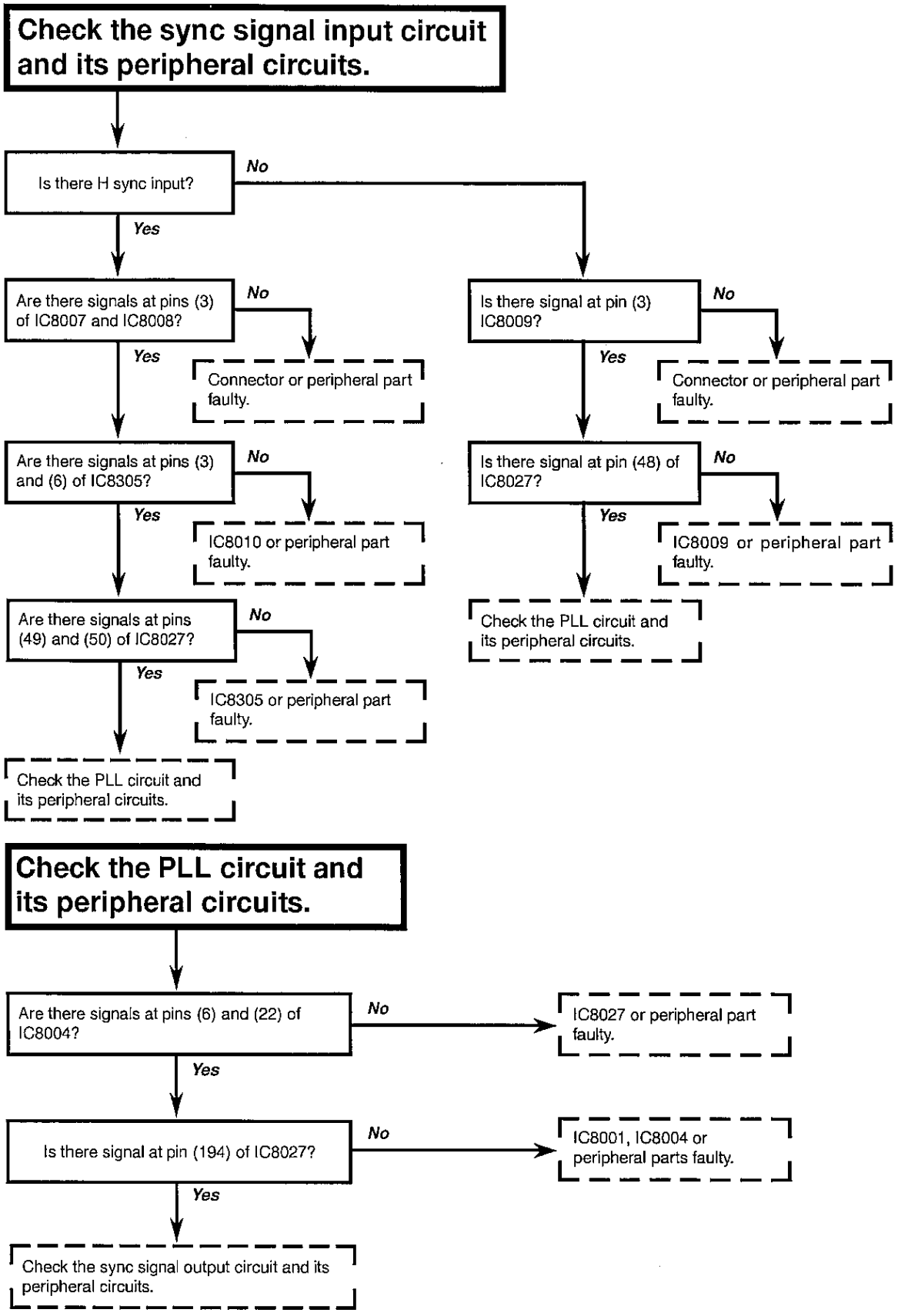
# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)


Check the blue amplifier and analog/digital circuits and their peripheral circuits.
Are there signals at pin (6) of IC8010?
No
S8001 or peripheral part faulty.
Yes
Are there signals at pin (9) of IC8015?
No
IC8010 or peripheral part faulty.
Yes
Are there signals at pin (16) of IC8015?
No
IC8015 or peripheral part faulty.
Yes
Are there signals at pin (16) of IC8018?
No
R8019 or peripheral part faulty.
Yes
Are there signals at pins (22) thru (29) of IC8027?
No
IC8018 or peripheral part faulty.
Yes
Check the blue field memory and its peripheral circuits.
Check the blue field memory circuit and its peripheral circuits.
Are there signals at pins (1) thru (8) of IC8021 and IC8024?
No
IC8027 or peripheral part faulty.
Yes
Are there signals at pins (45) thru (52) of IC8025 and IC8026?
No
IC8021 and IC8024 or peripheral parts faulty.
Yes
Are there signals at pins (126) thru (133), (151) thru (155) and (158) thru (160) of IC8027?
No
IC8025 and IC8026 or peripheral parts faulty.
Yes
Are there signals at pins (17) thru (22) of LC connector?
No
IC8027 or peripheral part faulty.
Yes
Faulty connection between LCD and LC connector.

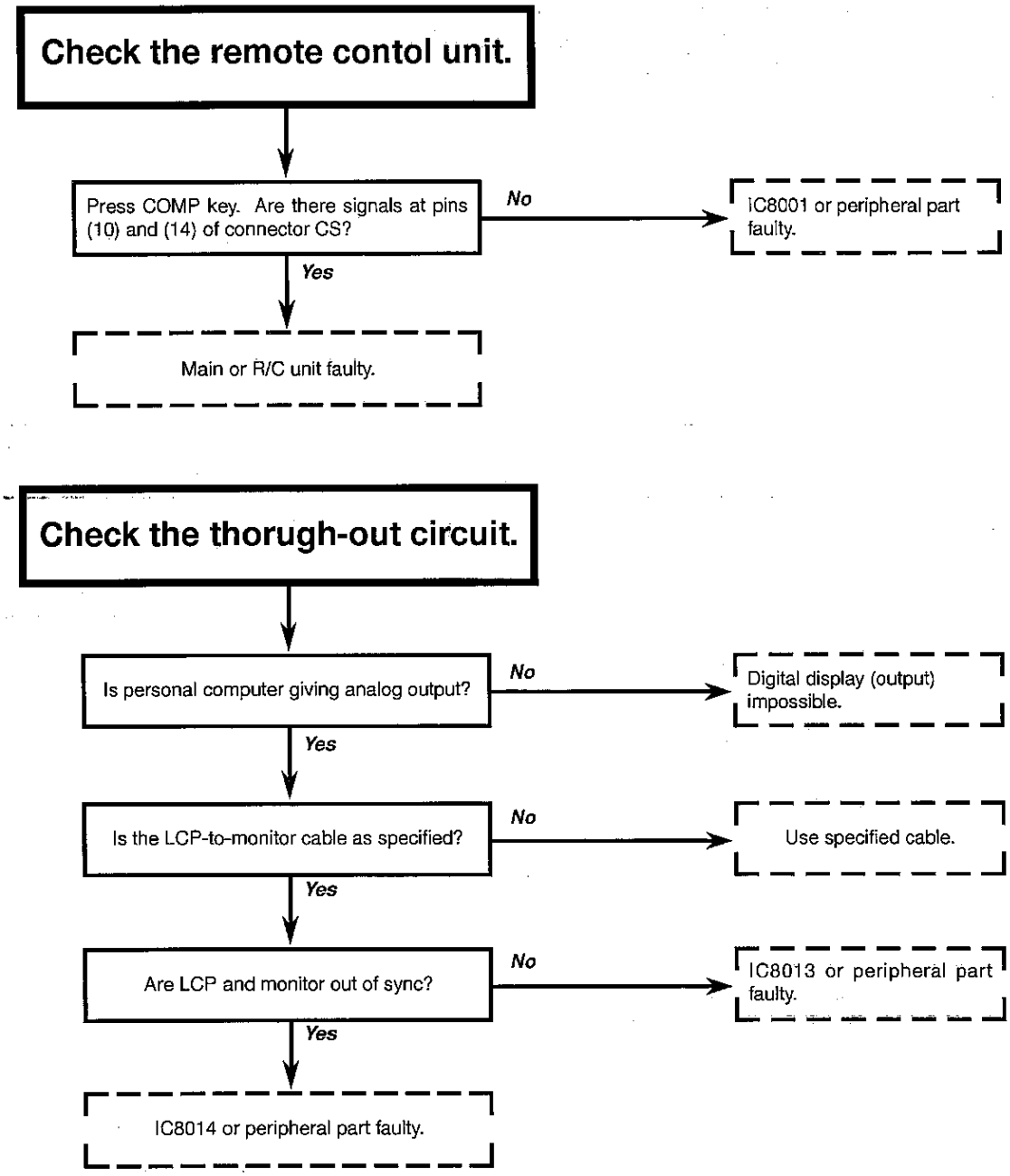
# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)


Check the contrast circuit and its peripheral circuits.
Is there voltage at pin (12) of IC8015?
No
R8088 or peripheral part faulty.
Yes
Turn R8088 clockwise. Does picture appear?
No
Are there signals at pins (16) of IC8016, IC8017 and IC8018?
No
Yes
IC8015 or peripheral part faulty.
Yes
Readjust the analog circuit.
Check the clock circuit and its peripheral circuits.
Check the clock circuit and its peripheral circuits
Does X8001 generate?
No
X8001 or peripheral part faulty.
Yes
Does X8003 generate?
No
X8003 or peripheral part faulty.
Yes
Are there signals at pin (10) of IC8016 thru IC8018?
No
IC8016 thru IC8018 and pin (192) of IC8027 or pheripheral parts faulty.
Yes
Are there signals at pin (44) of IC8025?
No
IC8025 and pin (162) of IC8027 or peripheral parts faulty.
Yes
Are there signals at pin (44) of IC8026?
No
IC8026 and pin (163) of IC8027 or peripheral parts faulty.
Yes
Are there signals at pin (2) of LC connector?
No
LC connector and pin (70) of IC8027 or peripheral parts faulty.
Yes
Check the sync signal input circuit and its peripheral circuits.

# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)


Check the sync signal input circuit and its peripheral circuits.
Is there H sync input?
No
Yes
Are there signals at pins (3) of IC8007 and IC8008?
No
Yes
Connector or peripheral part faulty.
Are there signals at pins (3) and (6) of IC8305?
No
Yes
IC8010 or peripheral part faulty.
Are there signals at pins (49) and (50) of IC8027?
No
Yes
IC8305 or peripheral part faulty.
Check the PLL circuit and its peripheral circuits.
Is there signal at pin (3) IC8009?
No
Yes
Connector or peripheral part faulty.
Is there signal at pin (48) of IC8027?
No
Yes
IC8009 or peripheral part faulty.
Check the PLL circuit and its peripheral circuits.
Check the PLL circuit and its peripheral circuits.
Are there signals at pins (6) and (22) of IC8004?
No
IC8027 or peripheral part faulty.
Yes
Is there signal at pin (194) of IC8027?
No
IC8001, IC8004 or peripheral parts faulty.
Yes
Check the sync signal output circuit and its peripheral circuits.

# TROUBLE SHOOTING FOR PC/IF UNIT (Continued)



# Technische Daten

| | |
|---|---|
| Produkttyp | LCD-Projektor |
| Modell | XG-3790E |
| VIDEOSYSSTEM | PAL/SECAM/NTSC 3.58/NTSC 4.43 |
| Wiedergabeverfahren | LCD-Projektionspanel × 1, optisches RGB-Verschlußverfahren |
| LCD-Projektionspanel | |
| Panelgröße | 16,3 cm (6,4 Zoll) (97,5 mm [H] × 130 mm [B]) |
| Wiedergabeverfahren | Durchlässiges TN-Flüssigkristall-Panel |
| Treiberverfahren | TFT (Dünnfilmtransistor) Aktivmatrix-Treiberverfahren |
| Anzahl der Bildpunkte | 480,000 Bildpunkte (800 [W] x 600 [V]) |
| Objektiv | F4,4, f = 218 mm |
| Projektionslampe | 350 W Metalldampf-Entladungslampe |
| Kontrastverhältnis | 100:1 |
| Videoeingangssignal | RCA-Anschluß: VIDEO, gemischtes Video, 1 Vp-p, negatives Sync.-Signal, 75 Ohm terminiert<br>RCA-Anschluß: AUDIO, 0,5V weniger als 22 kOhm |
| Videoeingangssignal | 4-pol. Mini-DIN-Steckanschluß<br>Y (Luminanz-Signal): 1 Vs-s, negatives Sync.-Signal, 75 Ohm terminiert<br>C (Chrominanz-Signal): Farbsynchronimpuls 0,286 Vp-p, 75 Ohm terminiert |
| Audioausgangssignal RCA-Anschluß | AUDIO, 0,5 Vrms weniger als 2.2 kOhm |
| Horizontale Auflösung | 500 Fernsehzeilen (Videoeingang) |
| Audioausgang | 5 W (mono) |
| RGB-Computereingangssignal | |
| Datensignal | 15-pol. Mini-D-Typ-Steckanschluß: Getrennter analoger RGB-Signaleingang: 0,7 Vs-s, positiv, 75 Ohm terminiert |
| Audiosignal | Stereo-Minibuchse: AUDIO, 0,5 Vrms, mehr als 22 kOhm (Stereo) |
| Horizontales Sync.-Signal | TTL-Pegelsignal (positiv oder negativ) oder gemischtes Sync.-Signal (nur Macintosh) |
| Vertikales Sync.-Signal | Wie oben |
| Lautsprecher | 8 cm, rund |
| Nennspannung | Wechselstromspannung 200–240 V |
| Nennfrequenz | 60/50 Hz |
| Nennaufnahme | 450 W |
| Betriebstemperatur | 5°C - 40°C |
| Lagertemperatur | −20°C - 55°C |
| Gehäuse | Kunststoff |
| Abmessungen (W x D x H) | 351 x 499 x 222 mm |
| Gewicht | 10,2 kg |
| Mitgeliefertes Zubehör | Fernbedienung, zwei AAA-Batterien, Ersatz-Luftfilter, VGA-Signalkabel (3m), Mac/VGA-Adapter, Netzkabel, Objektivkappe (installiert) |
| Ersatzteile | Fernbedienung, Luftfilter, VGA-Kabel, Mac/VGA-Adapter, Netzkabel |

Dieser Projektor ist mit einem LCD (Flüssigkristallanzeige)-Projektionspanel ausgestattet. Diese neuartigen Projektionspanele enthalten TFT's (Dünnfilm-Transistoren) mit insgesamt 480,000 Bildpunkten. (RGB-Trio) TFTs (Dünnfilmtransistoren). Bei allen technologisch fortschrittlichen, elektronischen Geräten, z.B. Großbild-Fernsehern, Videosystemen oder Videokameras, sind bestimmte Toleranzgrenzen für die Funktionen gegeben.

Die von Sharp akzeptierte Toleranzgrenze erlaubt insgesamt 35 inaktive TFTs, die als beleuchtete Punkte auf der Bildwand wiedergegeben werden.
Dies hat keinen Einfluß auf die Bildqualität und die Lebenserwartung des Gerätes.

*Änderungen der technischen Daten vorbehalten.*

# HINWEISE FÜR DEN WARTUNGSTEHNIKER

## VORSICHTSMASSNAHMEN BEI UV-STRAHLUNG

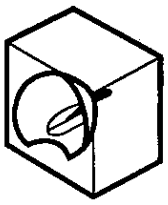
**Die Lichtquelle (Metallhalogenidlampe) im LCD-Projektor erzeugt geringe Anteile von UV-Strahlung.**

### DIREKTEN AUGEN-UND HAUTKONTAKT VERMEDIEN.

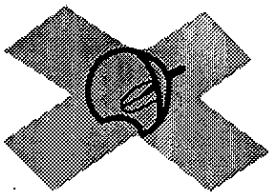
**Folgende Sicherheitshinweise sind zu befolgen:**

1. Bei der Wartung des Geräts muß bei eingeschalteter Lampe eine Sonnenschutzbrille getragen werdne. Der obere Deckel ist bei der Wartung zu enyfernen.

2. Die Lampe darf nicht außerhalb des Lampengehäuses verwendet werden.



3. Bei entferntem oberen Deckel nicht läanger als 2 Stunden betreiben.



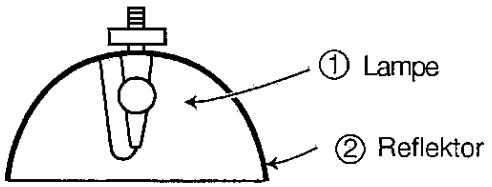
## Vorsichtsmaßnahmen bezüglich UV-Strahlung und Mitteldrucklampen

1. Vor dem Auswechseln der Lampe unbedingt den Netzstecker ziehen.
2. Das Gerät vor dem Durchführen von Wartungsarbeiten eine Stunde abkühlen lassen.
3. Nur gegen eine Lampe der gleichen Sorte auswechseln. Sorte CLMPF0037DE01, 65V/350W.
4. Da die Lampe eine geringe UV-Strahlung aufweiat, sollte direkter Blickkontakt vermieden werden.
5. Die Mitteldrucklampe weist ein Explosionsrisiko auf. Die nachstehenden Einbauanweisungen beachten und die Lampe vorsichtig handhaben.

## ■ Auswechseln der Lampe

**Hinweis:**

Da die Lampe während des Betriebs extrem heiß wird, solltdas Auswechseln erst eine Stunde nach dem Ausschalten stattfinden (abkühlzeit).
Beim Anbringen der neuen Lampe die Birne unbedingt nicht berühen. Den Reflektor ② der Lampe beim Auswechseln halten.
[Nur das Original-Ersatzteil verwenden.]




**GEFAHR!** — Niemals die Spannungsversorgung ohne Lampe einschalten, um elektrische Schläge und Schäden des Gerätes zu vermeiden, da der Stabilisator beim Einschalten hohe Spannungen erzeugt.

### VORSICHTSMASSNAHMEN BEI UV-STRAHLUNG (Fortgesetzt)

Während der Wartung ist die Lampenabdeckung an der Öffnung anzubringen. (Abb. 1)

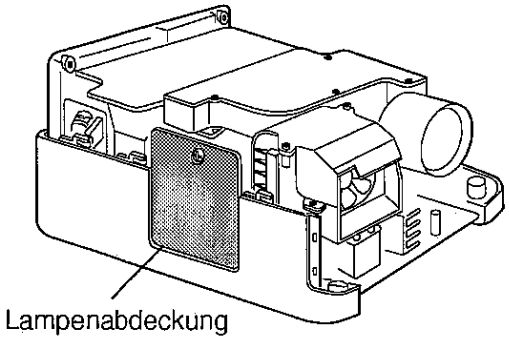
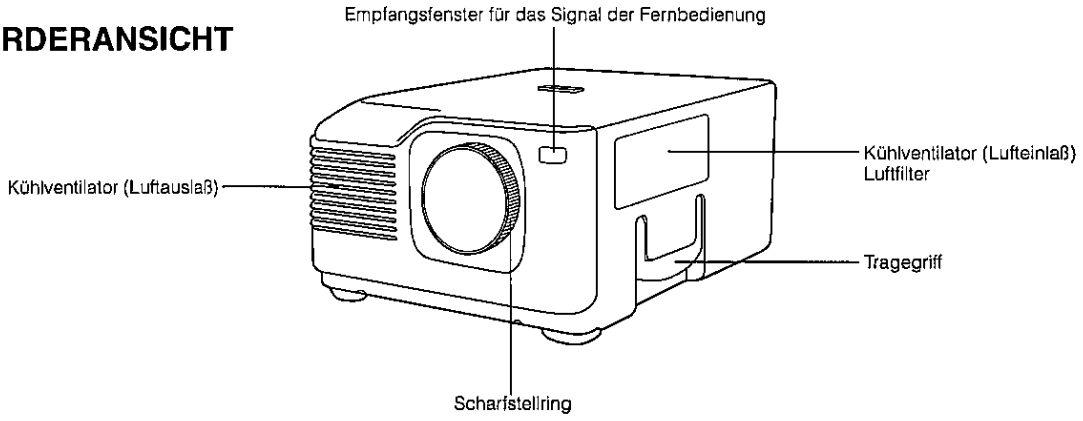



Abbildung 1.

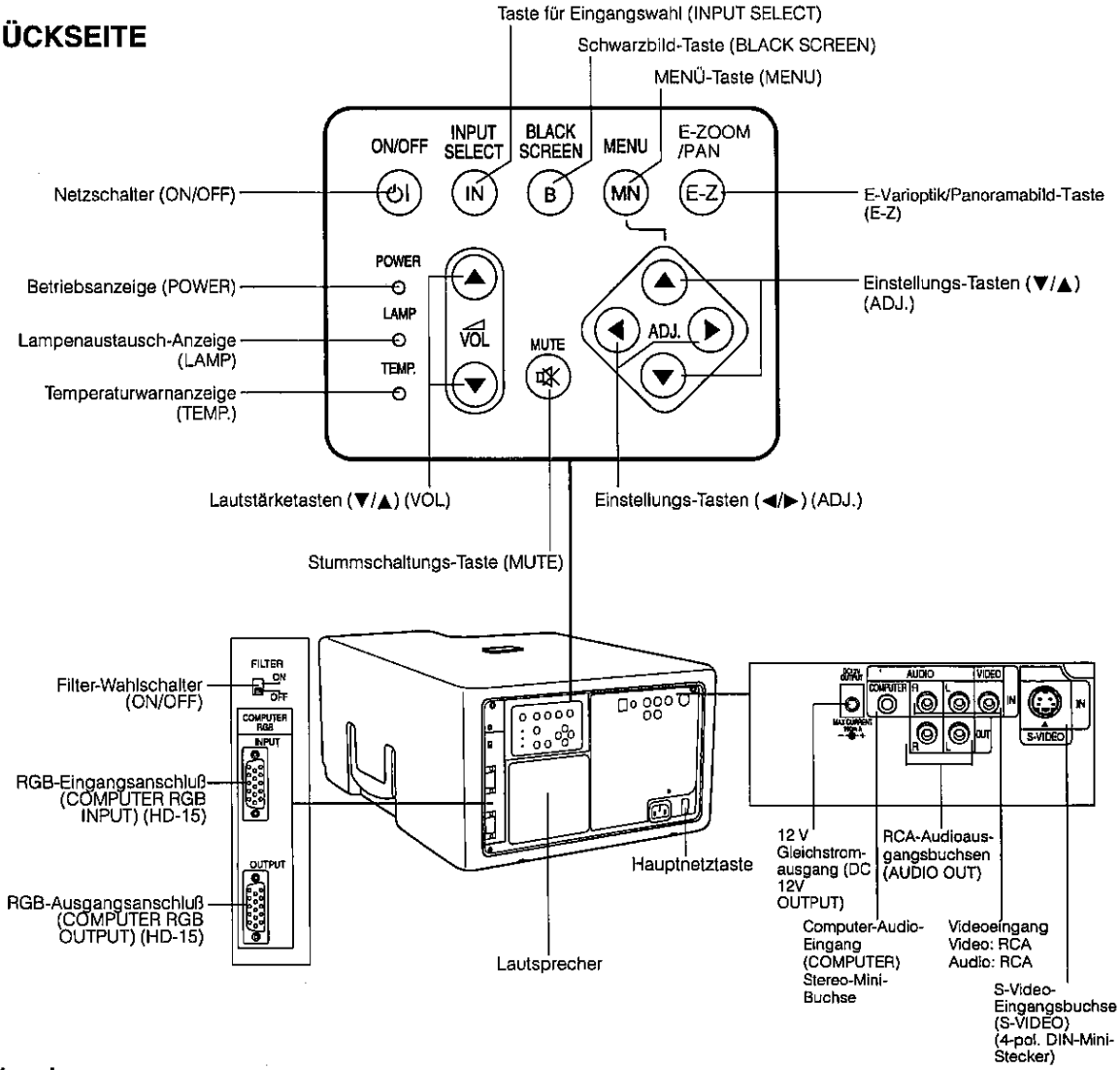
# Lage der Bedienelemente

## VORDERANSICHT




## BEDIENFELD AUF DER SEITE DES PROJEKTORS

## RÜCKSEITE

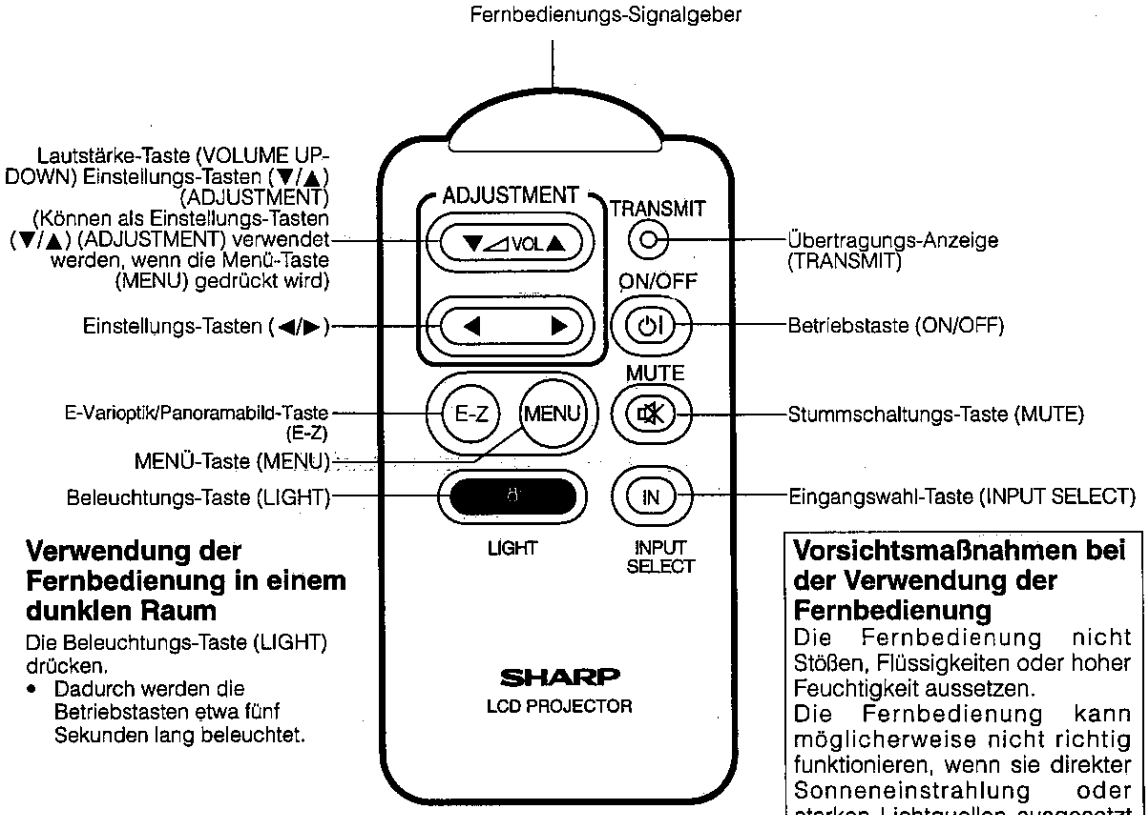



**Hinweis:**

- Wenn 200 mA oder mehr am 12 V Gleichstromausgang (DC 12V OUTPUT) abgenommen wird, schaltet eine Schutzschaltung automatisch den Projektor aus und stellt ihn auf die Bereitschafts-Betriebsart ein.

# Fernbedienter Betrieb

## FERNBEDIENUNG




### Verwendung der Fernbedienung in einem dunklen Raum

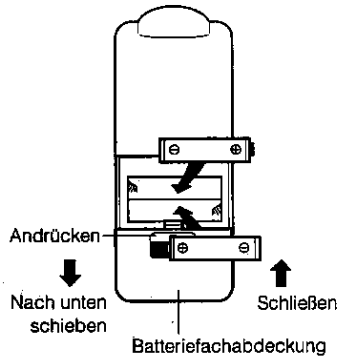
Die Beleuchtungs-Taste (LIGHT) drücken.

- Dadurch werden die Betriebstasten etwa fünf Sekunden lang beleuchtet.

### Vorsichtsmaßnahmen bei der Verwendung der Fernbedienung

Die Fernbedienung nicht Stößen, Flüssigkeiten oder hoher Feuchtigkeit aussetzen.

Die Fernbedienung kann möglicherweise nicht richtig funktionieren, wenn sie direkter Sonneneinstrahlung oder starken Lichtquellen ausgesetzt ist. In diesem Fall sollte die Lichtquelle oder der LCD-Projektor verschoben werden.



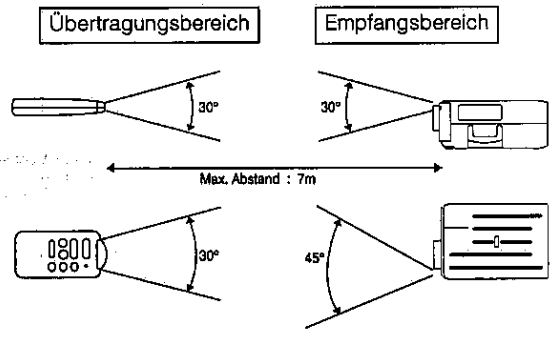

### Einsetzen der Batterien

Die Batteriefachabdeckung wie gezeigt entfernen, zwei Batterien (Größe AAA) einsetzen und sicherstellen, daß die Polarität den Markierungen (+) und (−) im Batteriefach entspricht.

**HINWEISE:**

Eine falsche Verwendung kann die Batterien zum Auslaufen oder Explodieren bringen.

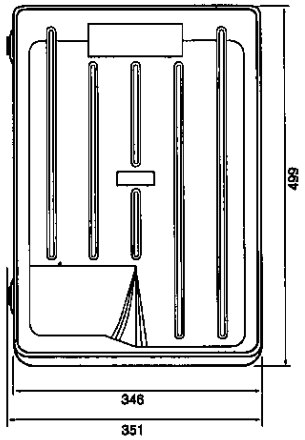
- Die Batterien unter Beachtung der (+) und (−) Pole wie gezeigt richtig einsetzen.
- Die Batterien aus der Fernbedienung entnehmen, wenn sie für längere Zeit nicht verwendet wird.
- Die Batterien immer sauber halten.
- Unterschiedliche Batteriearten nicht zusammen verwenden. Die Lebensdauer der neuen Batterien wird dadurch verkürzt und die alten Batterien können auslaufen.
- Verbrauchte Batterien sollten sofort entnommen werden, um Auslaufen und Beschädigungen zu vermeiden. Ausgelaufene Batterieflüssigkeit kann zu Hautirritationen führen. Ausgelaufene Batterieflüssigkeit mit einem Tuch entfernen.
- Wegen unterschiedlicher Lagerbedingungen können die mitgelieferten Batterien früher als angegeben verbraucht sein. Verbrauchte Batterien sollten so schnell wie möglich durch neue ausgetauscht werden.



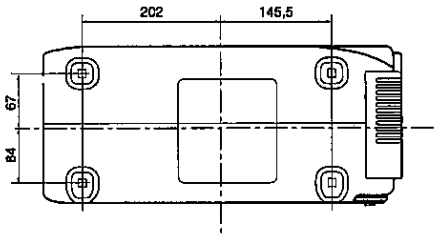

### Verwendung der Fernbedienung

Die Fernbedienung wie gezeigt verwenden.

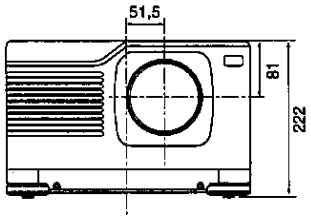
# Abmessungen



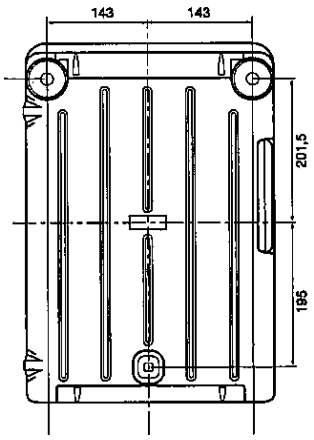

**Ansicht von oben**




**Seitenansicht**



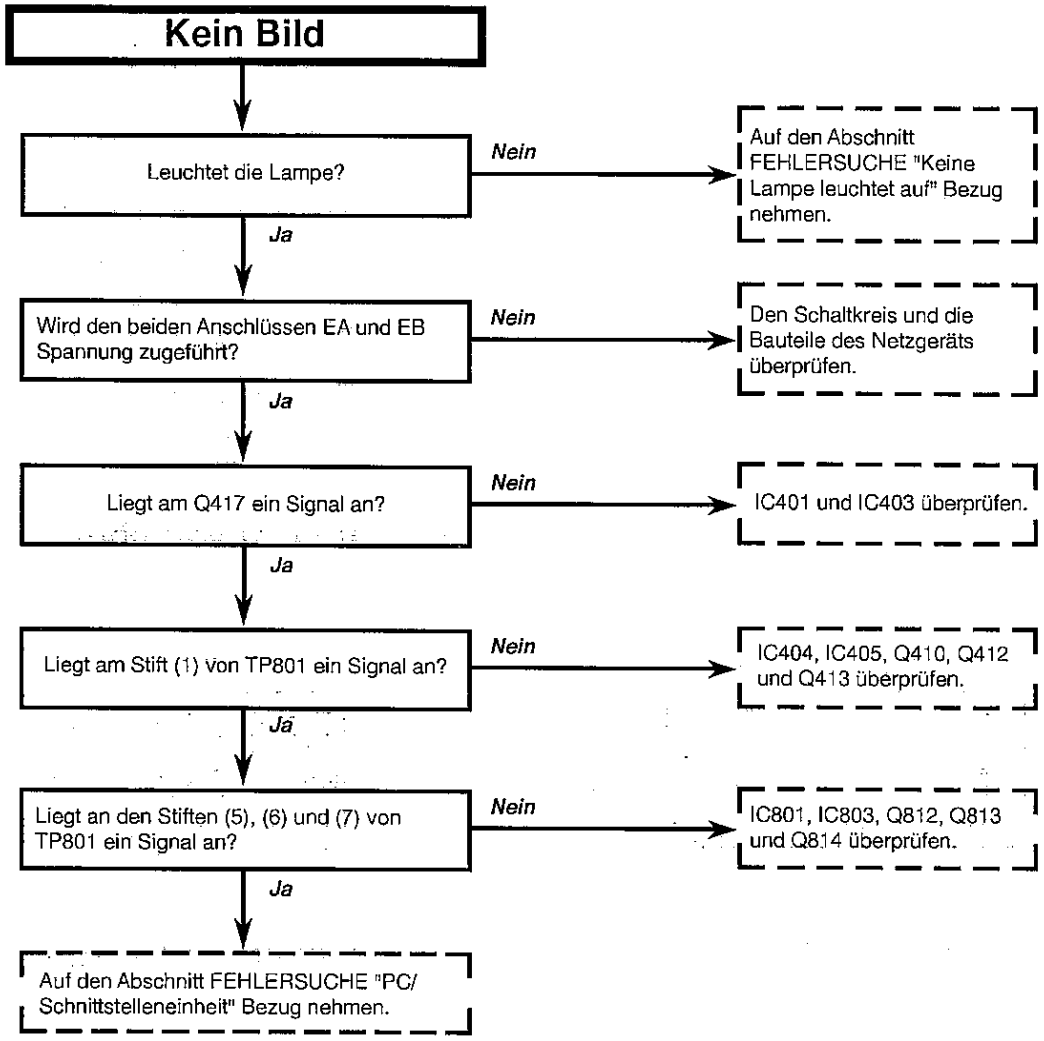

**Ansicht von vorne**

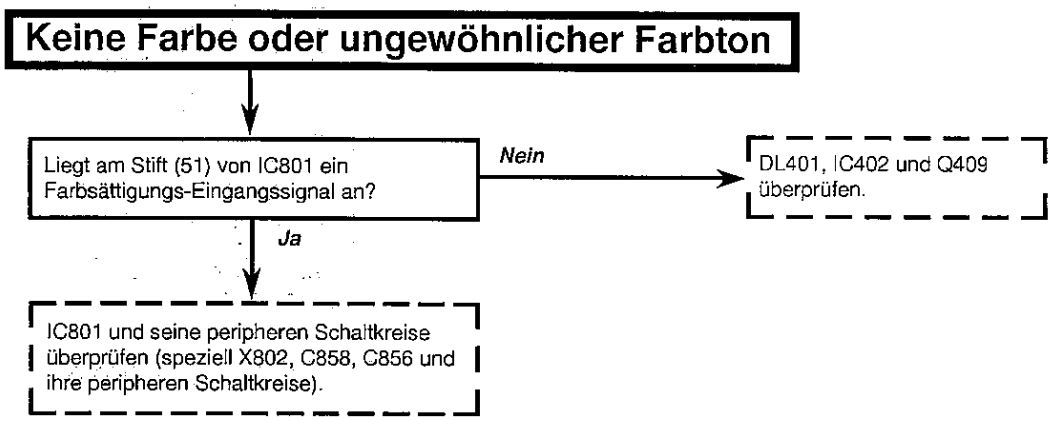



**Ansicht von unten**

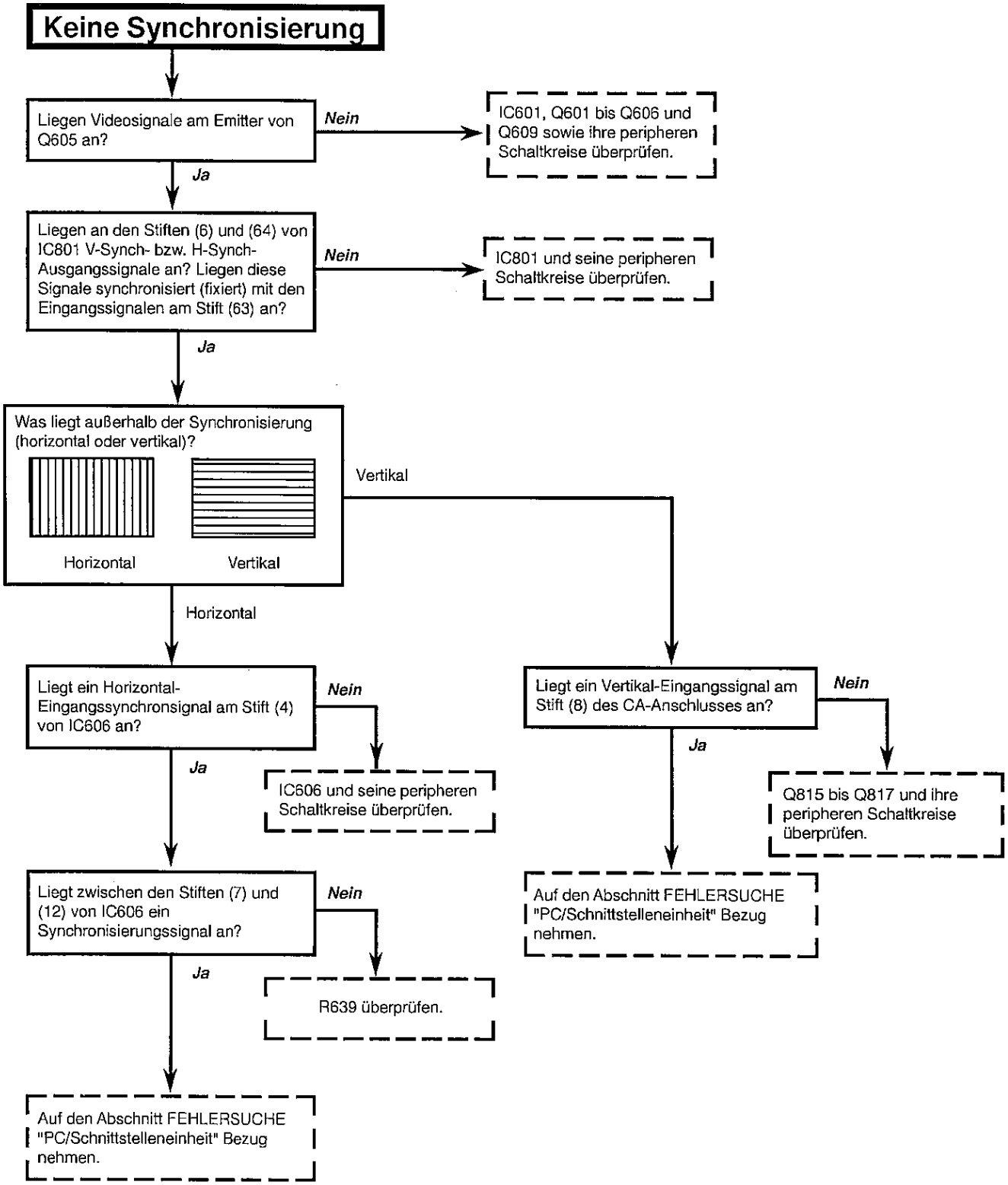
[Einheit: mm]

# FEHLERSUCHTABELLE

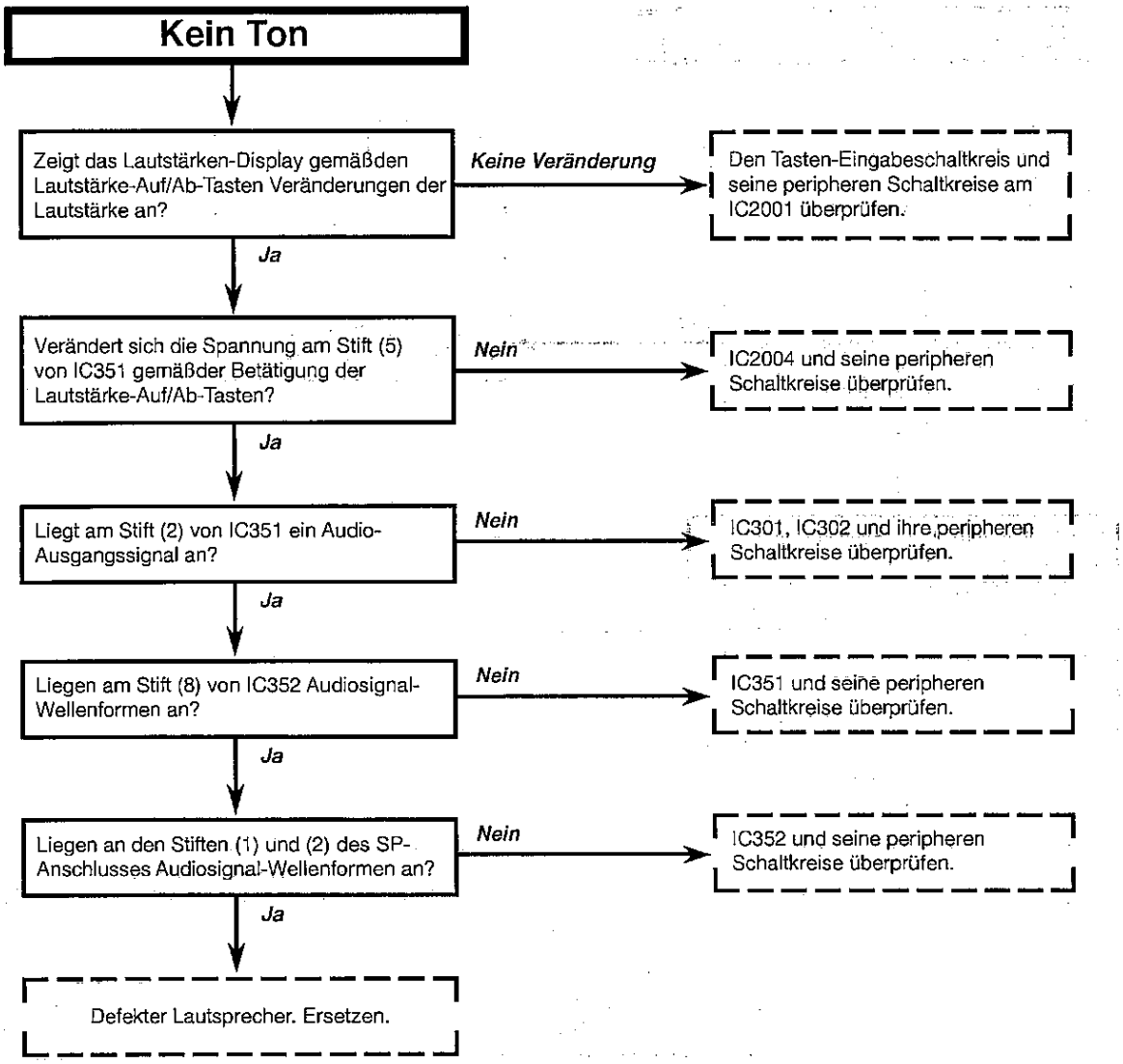

Kein Bild
Leuchtet die Lampe?
Nein
Auf den Abschnitt FEHLERSUCHE "Keine Lampe leuchtet auf" Bezug nehmen.
Ja
Wird den beiden Anschlüssen EA und EB Spannung zugeführt?
Nein
Den Schaltkreis und die Bauteile des Netzgeräts überprüfen.
Ja
Liegt am Q417 ein Signal an?
Nein
IC401 und IC403 überprüfen.
Ja
Liegt am Stift (1) von TP801 ein Signal an?
Nein
IC404, IC405, Q410, Q412 und Q413 überprüfen.
Ja
Liegt an den Stiften (5), (6) und (7) von TP801 ein Signal an?
Nein
IC801, IC803, Q812, Q813 und Q814 überprüfen.
Ja
Auf den Abschnitt FEHLERSUCHE "PC/ Schnittstelleneinheit" Bezug nehmen.


Keine Farbe oder ungewöhnlicher Farbton
Liegt am Stift (51) von IC801 ein Farbsättigungs-Eingangssignal an?
Nein
DL401, IC402 und Q409 überprüfen.
Ja
IC801 und seine peripheren Schaltkreise überprüfen (speziell X802, C858, C856 und ihre peripheren Schaltkreise).

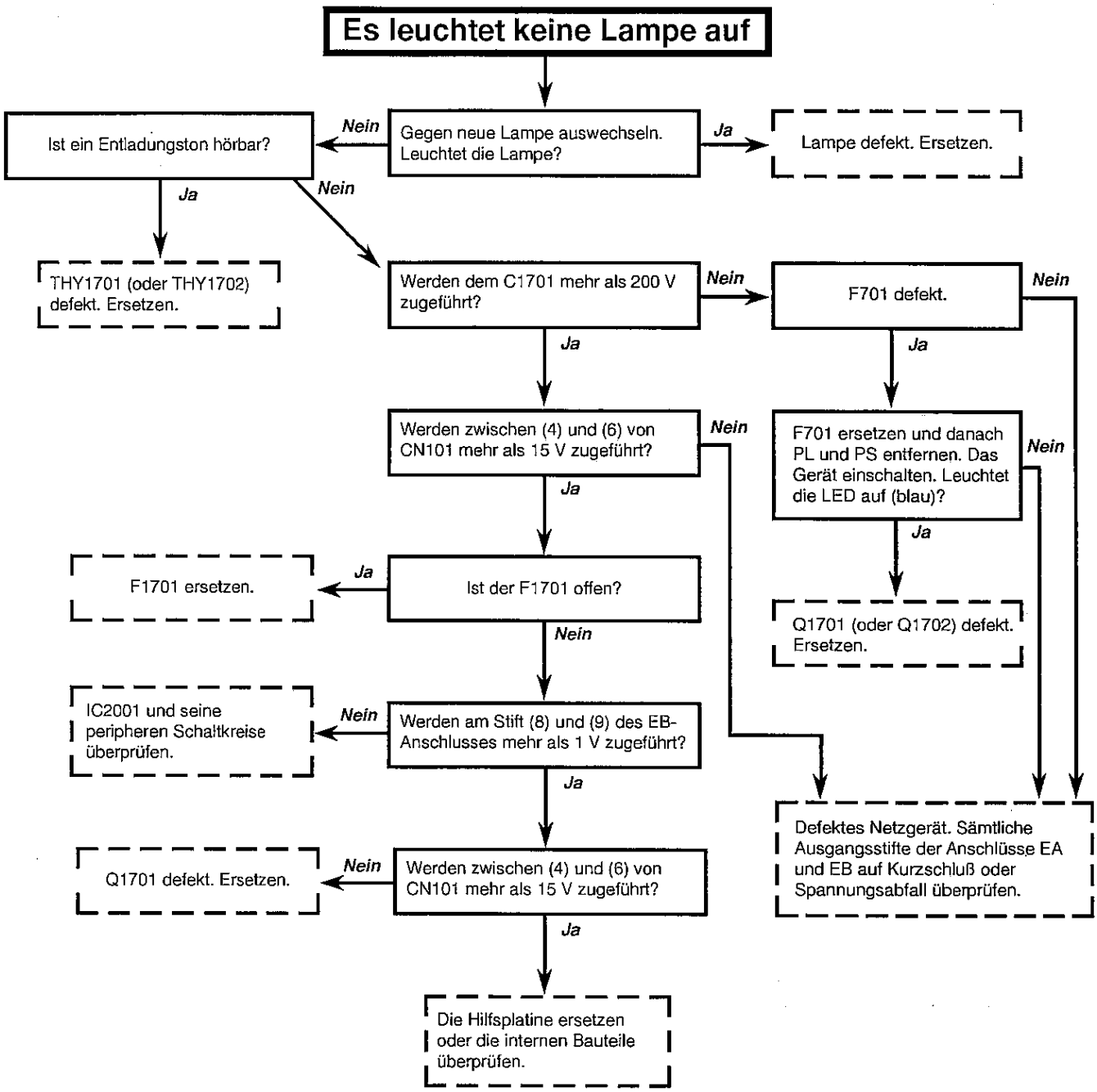
# FEHLERSUCHTABELLE (fortgesetzt)


Keine Synchronisierung
Liegen Videosignale am Emitter von Q605 an?
Nein
IC601, Q601 bis Q606 und Q609 sowie ihre peripheren Schaltkreise überprüfen.
Ja
Liegen an den Stiften (6) und (64) von IC801 V-Synch- bzw. H-Synch-Ausgangssignale an? Liegen diese Signale synchronisiert (fixiert) mit den Eingangssignalen am Stift (63) an?
Nein
IC801 und seine peripheren Schaltkreise überprüfen.
Ja
Was liegt außerhalb der Synchronisierung (horizontal oder vertikal)?
Horizontal
Vertikal
Vertikal
Horizontal
Liegt ein Horizontal-Eingangssynchronsignal am Stift (4) von IC606 an?
Nein
IC606 und seine peripheren Schaltkreise überprüfen.
Ja
Liegt zwischen den Stiften (7) und (12) von IC606 ein Synchronisierungssignal an?
Nein
R639 überprüfen.
Ja
Auf den Abschnitt FEHLERSUCHE "PC/Schnittstelleneinheit" Bezug nehmen.
Liegt ein Vertikal-Eingangssignal am Stift (8) des CA-Anschlusses an?
Nein
Q815 bis Q817 und ihre peripheren Schaltkreise überprüfen.
Ja
Auf den Abschnitt FEHLERSUCHE "PC/Schnittstelleneinheit" Bezug nehmen.

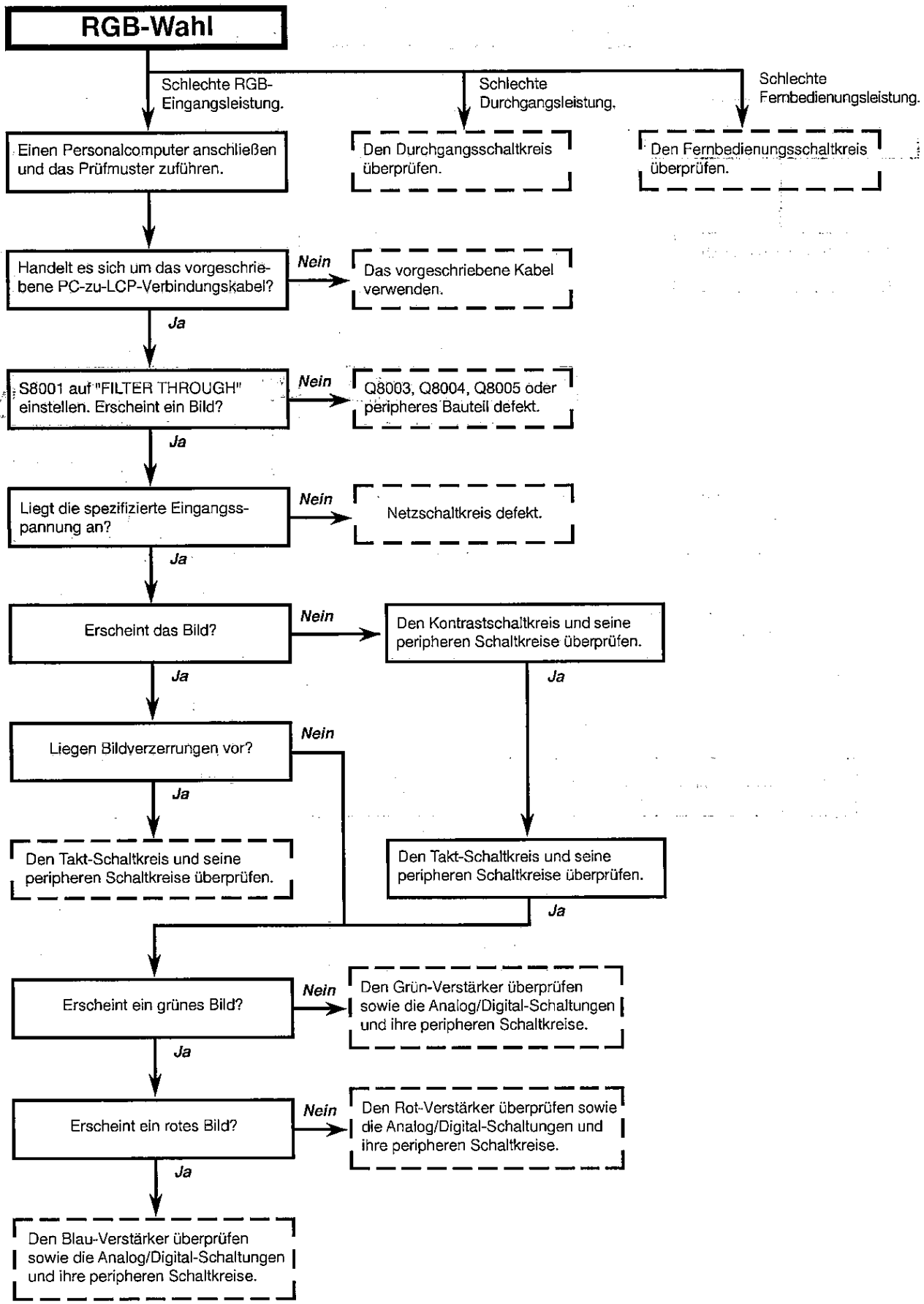
# FEHLERSUCHTABELLE (fortgesetzt)


Kein Ton
Zeigt das Lautstärken-Display gemäßden Lautstärke-Auf/Ab-Tasten Veränderungen der Lautstärke an?
Keine Veränderung
Den Tasten-Eingabeschaltkreis und seine peripheren Schaltkreise am IC2001 überprüfen.
Ja
Verändert sich die Spannung am Stift (5) von IC351 gemäßder Betätigung der Lautstärke-Auf/Ab-Tasten?
Nein
IC2004 und seine peripheren Schaltkreise überprüfen.
Ja
Liegt am Stift (2) von IC351 ein Audio-Ausgangssignal an?
Nein
IC301, IC302 und ihre peripheren Schaltkreise überprüfen.
Ja
Liegen am Stift (8) von IC352 Audiosignal-Wellenformen an?
Nein
IC351 und seine peripheren Schaltkreise überprüfen.
Ja
Liegen an den Stiften (1) und (2) des SP-Anschlusses Audiosignal-Wellenformen an?
Nein
IC352 und seine peripheren Schaltkreise überprüfen.
Ja
Defekter Lautsprecher. Ersetzen.

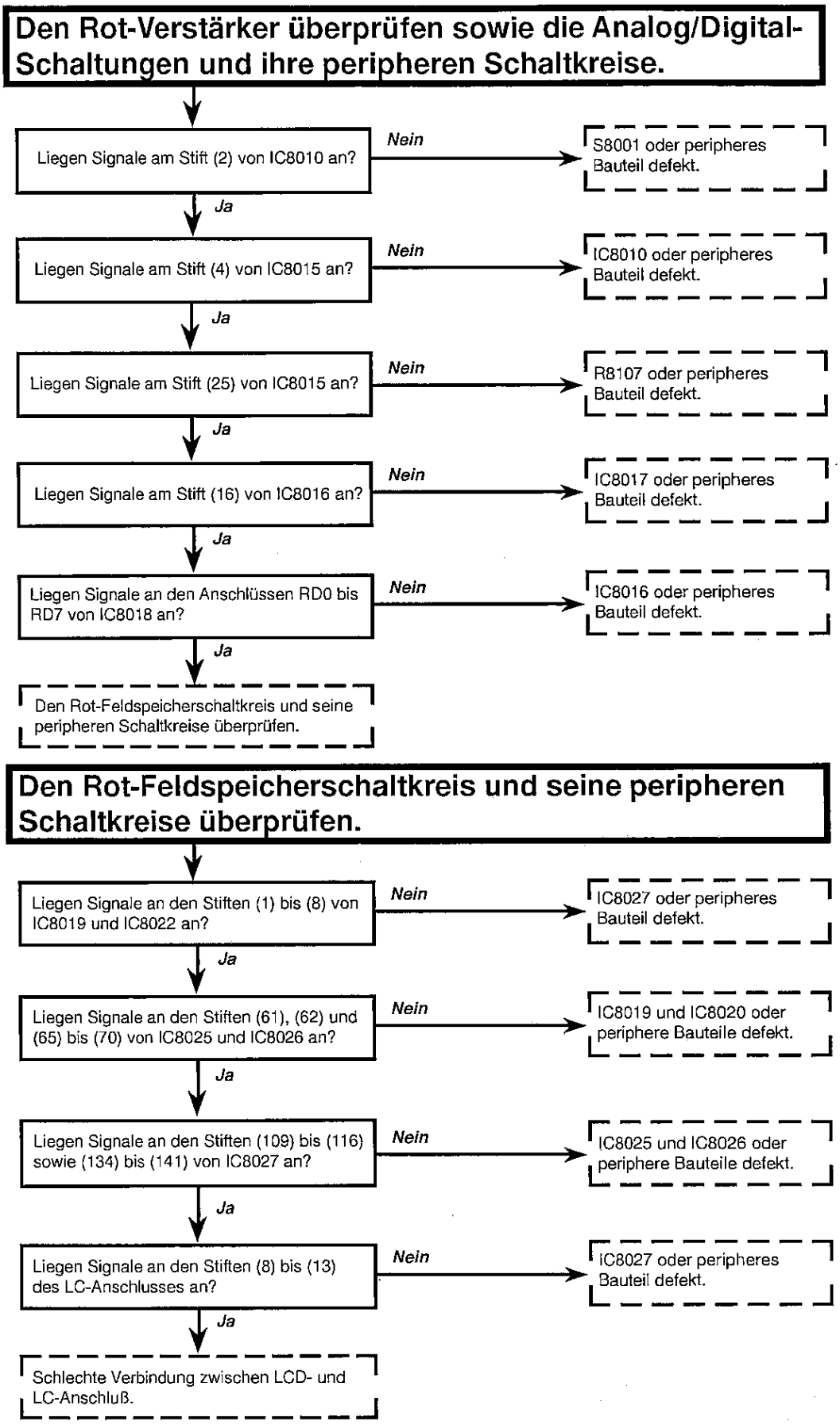
# FEHLERSUCHTABELLE (fortgesetzt)


Es leuchtet keine Lampe auf
Gegen neue Lampe auswechseln. Leuchtet die Lampe?
Nein
Ja
Lampe defekt. Ersetzen.
Ist ein Entladungston hörbar?
Nein
Ja
THY1701 (oder THY1702) defekt. Ersetzen.
Werden dem C1701 mehr als 200 V zugeführt?
Nein
F701 defekt.
Nein
Ja
Ja
Werden zwischen (4) und (6) von CN101 mehr als 15 V zugeführt?
Nein
F701 ersetzen und danach PL und PS entfernen. Das Gerät einschalten. Leuchtet die LED auf (blau)?
Nein
Ja
Ja
F1701 ersetzen.
Ja
Ist der F1701 offen?
Q1701 (oder Q1702) defekt. Ersetzen.
Nein
IC2001 und seine peripheren Schaltkreise überprüfen.
Nein
Werden am Stift (8) und (9) des EB-Anschlusses mehr als 1 V zugeführt?
Ja
Defektes Netzgerät. Sämtliche Ausgangsstifte der Anschlüsse EA und EB auf Kurzschluß oder Spannungsabfall überprüfen.
Q1701 defekt. Ersetzen.
Nein
Werden zwischen (4) und (6) von CN101 mehr als 15 V zugeführt?
Ja
Die Hilfsplatine ersetzen oder die internen Bauteile überprüfen.

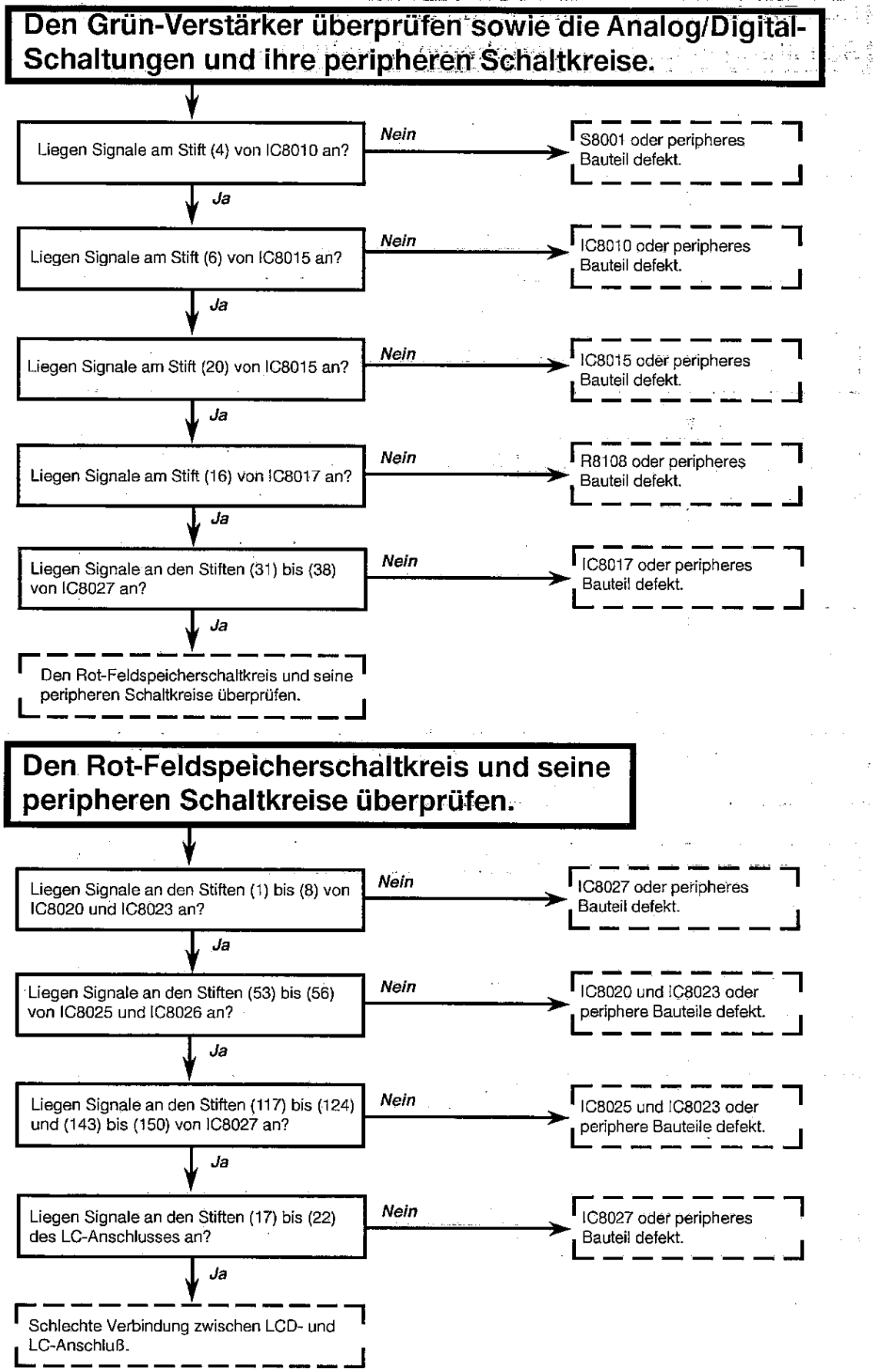
# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT



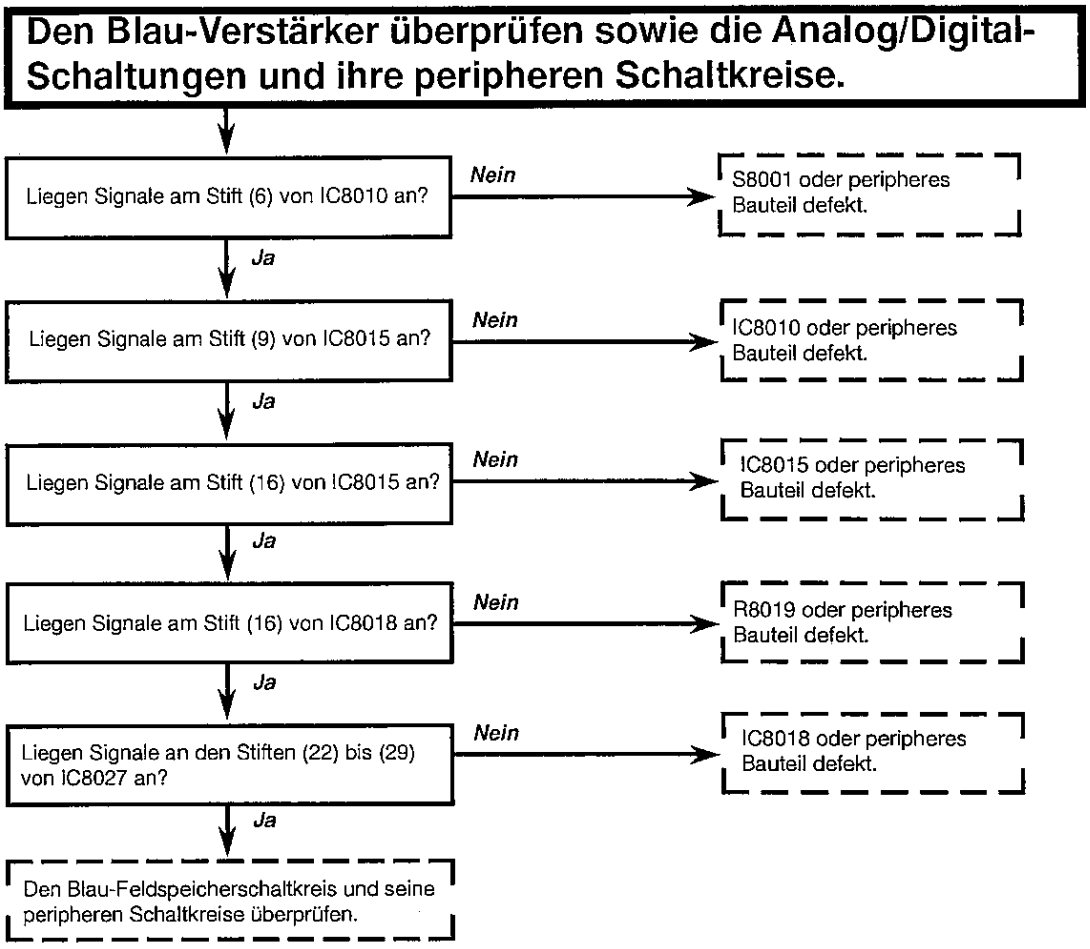
# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)

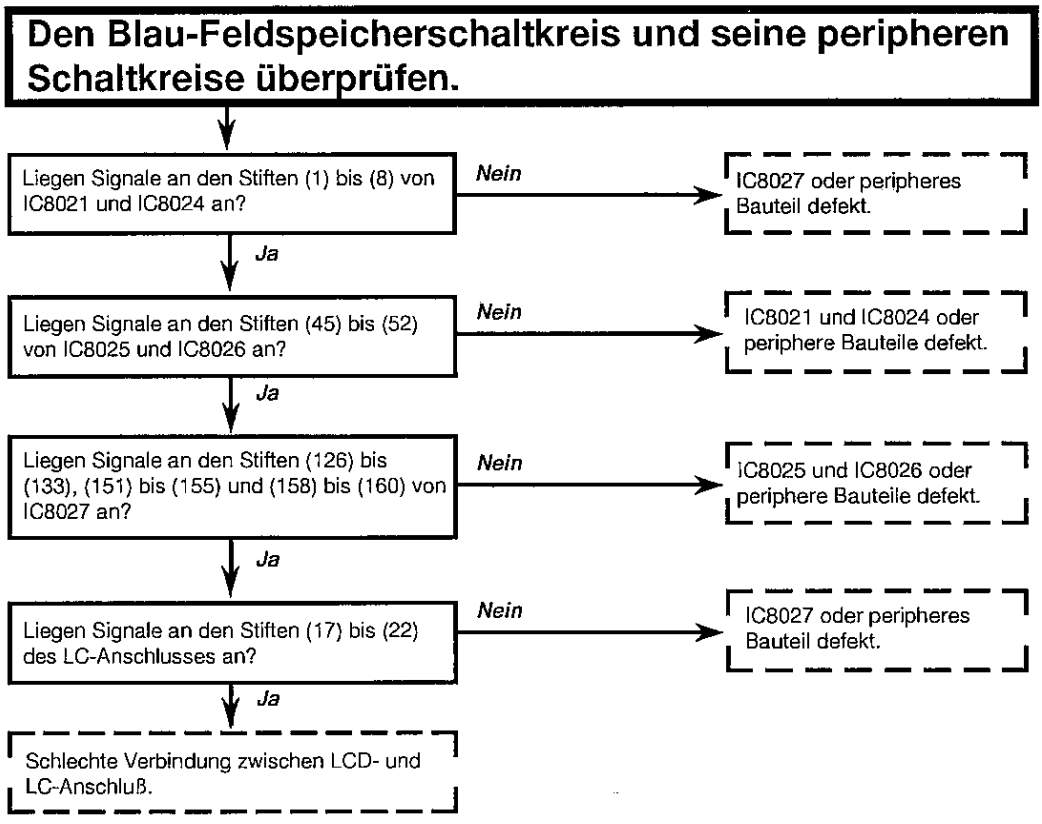

Den Rot-Verstärker überprüfen sowie die Analog/Digital-Schaltungen und ihre peripheren Schaltkreise.
Liegen Signale am Stift (2) von IC8010 an?
Nein
S8001 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (4) von IC8015 an?
Nein
IC8010 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (25) von IC8015 an?
Nein
R8107 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (16) von IC8016 an?
Nein
IC8017 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Anschlüssen RD0 bis RD7 von IC8018 an?
Nein
IC8016 oder peripheres Bauteil defekt.
Ja
Den Rot-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.
Den Rot-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.
Liegen Signale an den Stiften (1) bis (8) von IC8019 und IC8022 an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Stiften (61), (62) und (65) bis (70) von IC8025 und IC8026 an?
Nein
IC8019 und IC8020 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (109) bis (116) sowie (134) bis (141) von IC8027 an?
Nein
IC8025 und IC8026 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (8) bis (13) des LC-Anschlusses an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Schlechte Verbindung zwischen LCD- und LC-Anschluß.

# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)

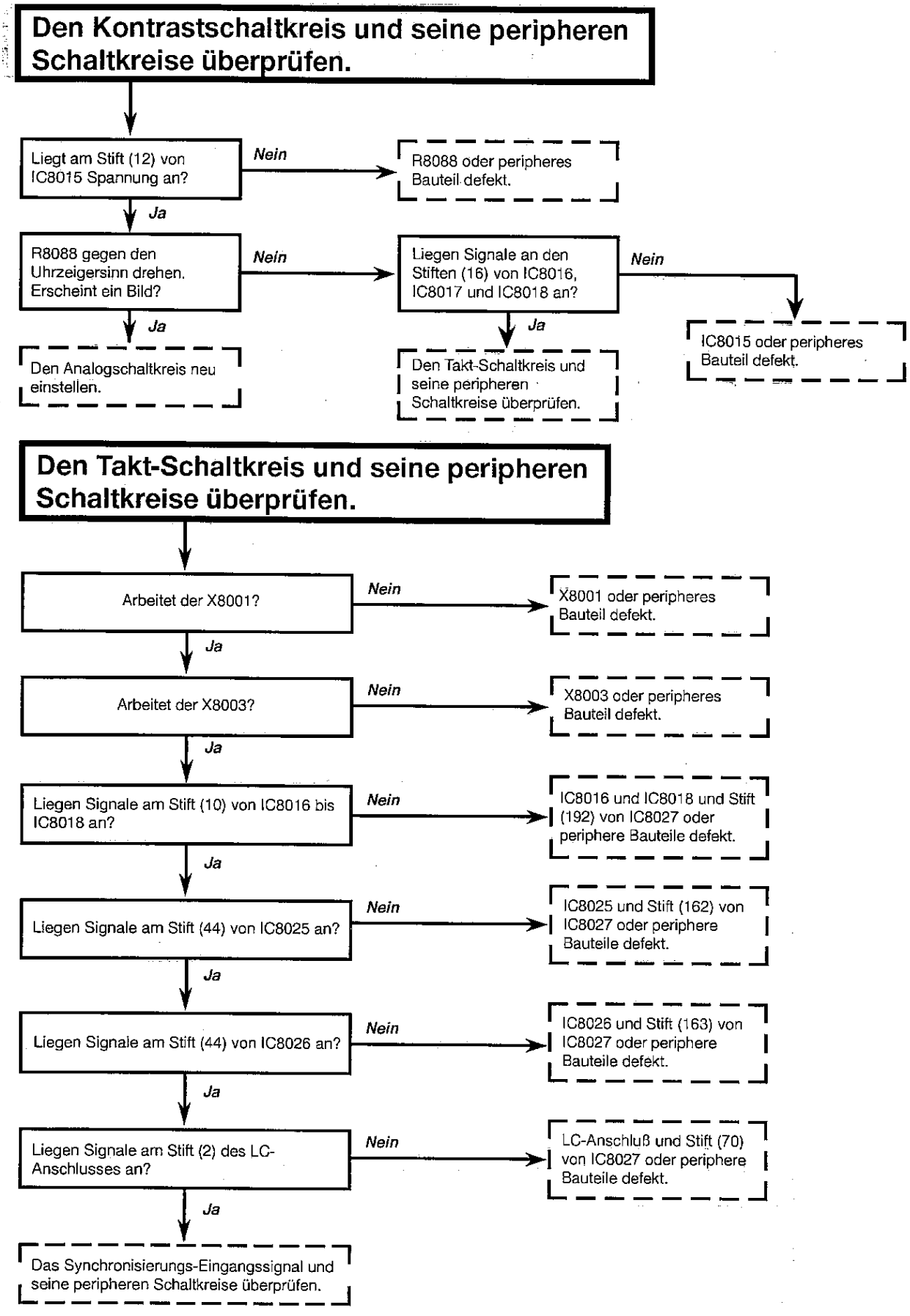

Den Grün-Verstärker überprüfen sowie die Analog/Digital-Schaltungen und ihre peripheren Schaltkreise.
Liegen Signale am Stift (4) von IC8010 an?
Nein
S8001 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (6) von IC8015 an?
Nein
IC8010 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (20) von IC8015 an?
Nein
IC8015 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (16) von IC8017 an?
Nein
R8108 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Stiften (31) bis (38) von IC8027 an?
Nein
IC8017 oder peripheres Bauteil defekt.
Ja
Den Rot-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.
Den Rot-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.
Liegen Signale an den Stiften (1) bis (8) von IC8020 und IC8023 an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Stiften (53) bis (56) von IC8025 und IC8026 an?
Nein
IC8020 und IC8023 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (117) bis (124) und (143) bis (150) von IC8027 an?
Nein
IC8025 und IC8023 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (17) bis (22) des LC-Anschlusses an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Schlechte Verbindung zwischen LCD- und LC-Anschluß.

# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)

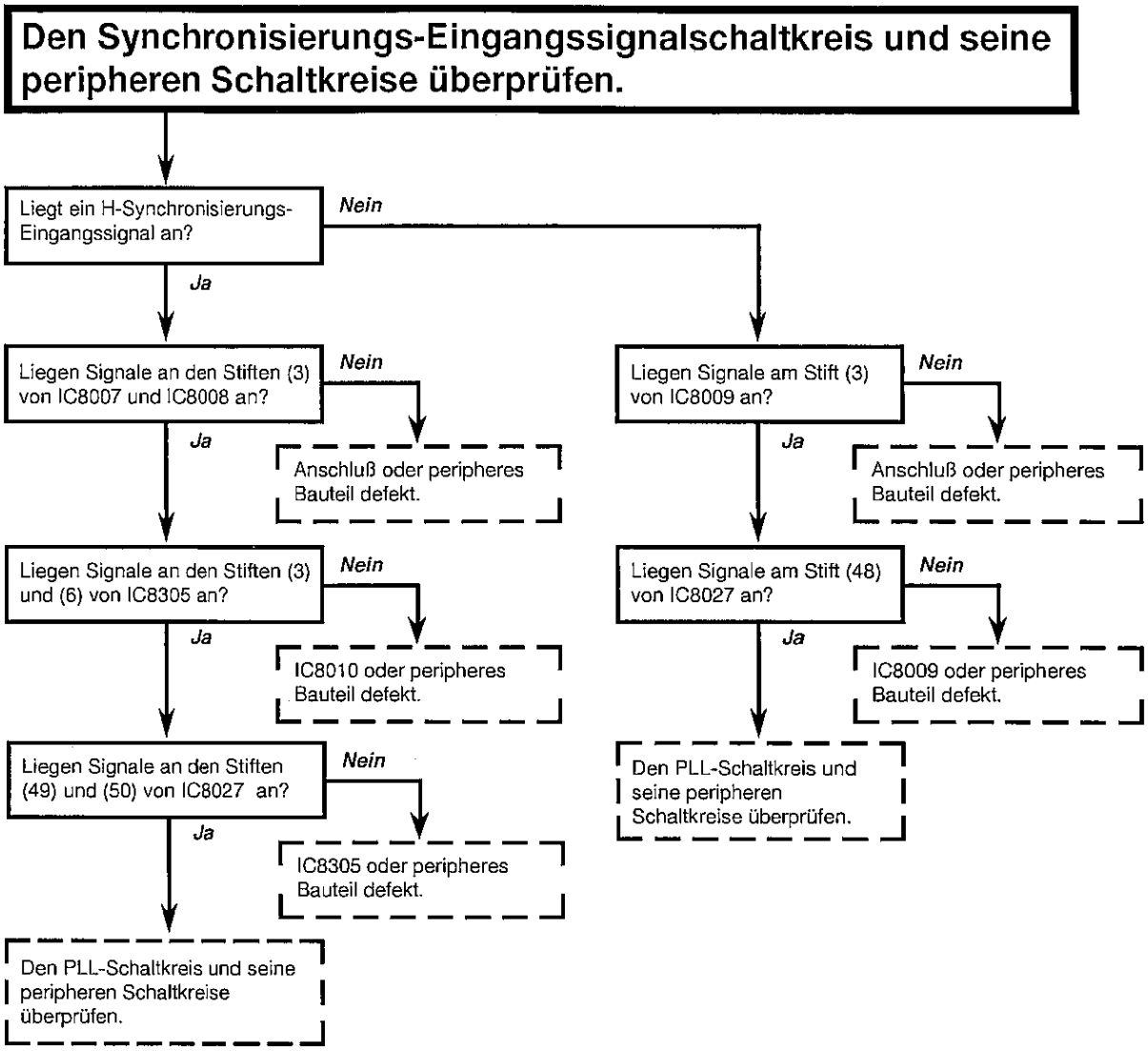

Den Blau-Verstärker überprüfen sowie die Analog/Digital-Schaltungen und ihre peripheren Schaltkreise.
Liegen Signale am Stift (6) von IC8010 an?
Nein
S8001 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (9) von IC8015 an?
Nein
IC8010 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (16) von IC8015 an?
Nein
IC8015 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (16) von IC8018 an?
Nein
R8019 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Stiften (22) bis (29) von IC8027 an?
Nein
IC8018 oder peripheres Bauteil defekt.
Ja
Den Blau-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.

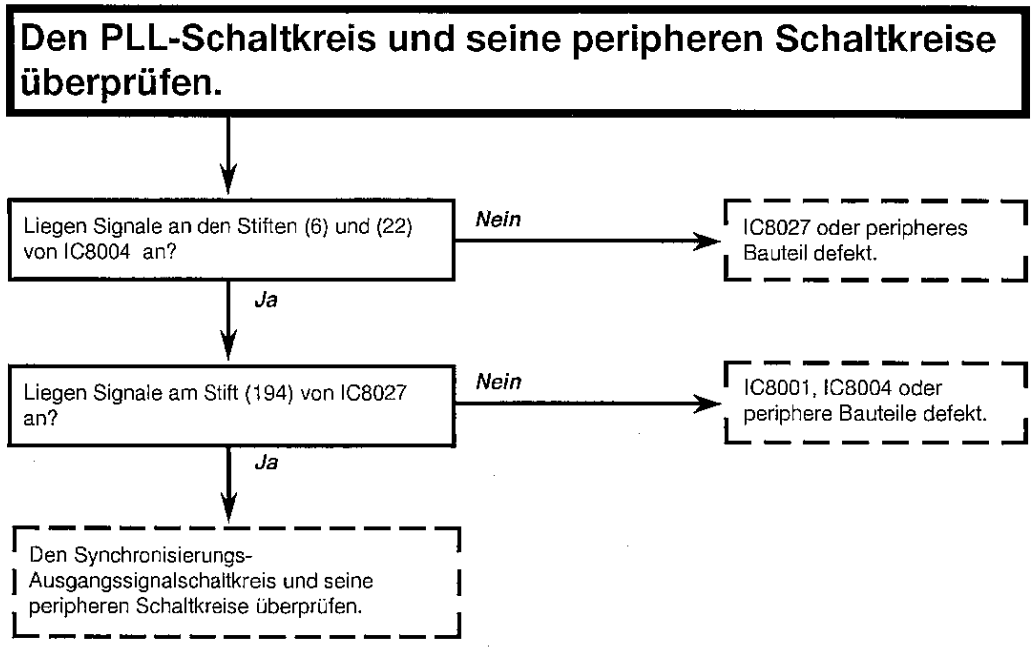

Den Blau-Feldspeicherschaltkreis und seine peripheren Schaltkreise überprüfen.
Liegen Signale an den Stiften (1) bis (8) von IC8021 und IC8024 an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Liegen Signale an den Stiften (45) bis (52) von IC8025 und IC8026 an?
Nein
IC8021 und IC8024 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (126) bis (133), (151) bis (155) und (158) bis (160) von IC8027 an?
Nein
IC8025 und IC8026 oder periphere Bauteile defekt.
Ja
Liegen Signale an den Stiften (17) bis (22) des LC-Anschlusses an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Schlechte Verbindung zwischen LCD- und LC-Anschluß.

# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)

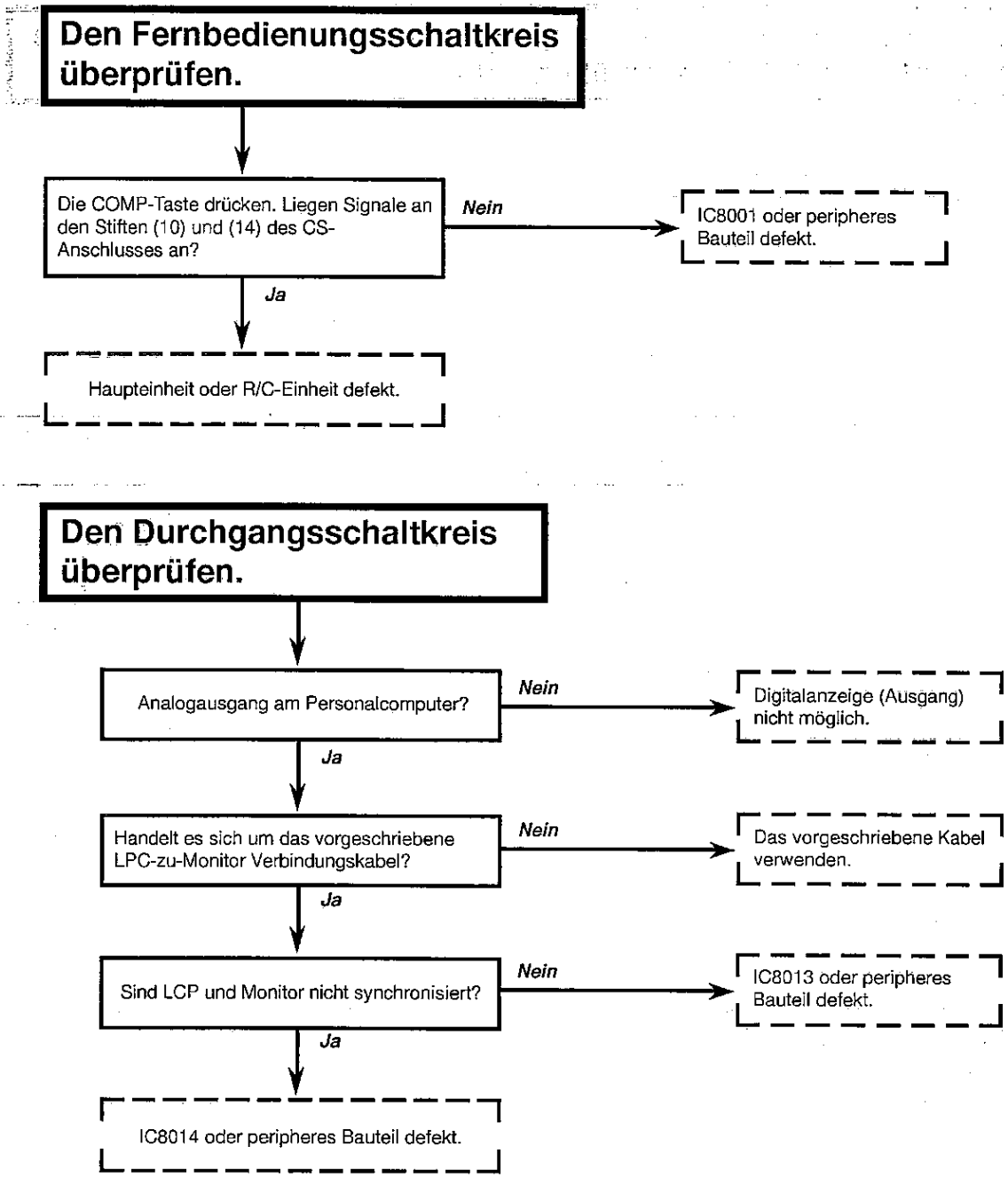

Den Kontrastschaltkreis und seine peripheren Schaltkreise überprüfen.
Liegt am Stift (12) von IC8015 Spannung an?
Nein
R8088 oder peripheres Bauteil defekt.
Ja
R8088 gegen den Uhrzeigersinn drehen. Erscheint ein Bild?
Nein
Liegen Signale an den Stiften (16) von IC8016, IC8017 und IC8018 an?
Nein
IC8015 oder peripheres Bauteil defekt.
Ja
Den Analogschaltkreis neu einstellen.
Ja
Den Takt-Schaltkreis und seine peripheren Schaltkreise überprüfen.
Den Takt-Schaltkreis und seine peripheren Schaltkreise überprüfen.
Arbeitet der X8001?
Nein
X8001 oder peripheres Bauteil defekt.
Ja
Arbeitet der X8003?
Nein
X8003 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (10) von IC8016 bis IC8018 an?
Nein
IC8016 und IC8018 und Stift (192) von IC8027 oder periphere Bauteile defekt.
Ja
Liegen Signale am Stift (44) von IC8025 an?
Nein
IC8025 und Stift (162) von IC8027 oder periphere Bauteile defekt.
Ja
Liegen Signale am Stift (44) von IC8026 an?
Nein
IC8026 und Stift (163) von IC8027 oder periphere Bauteile defekt.
Ja
Liegen Signale am Stift (2) des LC-Anschlusses an?
Nein
LC-Anschluß und Stift (70) von IC8027 oder periphere Bauteile defekt.
Ja
Das Synchronisierungs-Eingangssignal und seine peripheren Schaltkreise überprüfen.

# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)


Den Synchronisierungs-Eingangssignalschaltkreis und seine peripheren Schaltkreise überprüfen.
Liegt ein H-Synchronisierungs-Eingangssignal an?
Nein
Ja
Liegen Signale an den Stiften (3) von IC8007 und IC8008 an?
Nein
Ja
Anschluß oder peripheres Bauteil defekt.
Liegen Signale an den Stiften (3) und (6) von IC8305 an?
Nein
Ja
IC8010 oder peripheres Bauteil defekt.
Liegen Signale an den Stiften (49) und (50) von IC8027 an?
Nein
Ja
IC8305 oder peripheres Bauteil defekt.
Den PLL-Schaltkreis und seine peripheren Schaltkreise überprüfen.
Liegen Signale am Stift (3) von IC8009 an?
Nein
Ja
Anschluß oder peripheres Bauteil defekt.
Liegen Signale am Stift (48) von IC8027 an?
Nein
Ja
IC8009 oder peripheres Bauteil defekt.
Den PLL-Schaltkreis und seine peripheren Schaltkreise überprüfen.


Den PLL-Schaltkreis und seine peripheren Schaltkreise überprüfen.
Liegen Signale an den Stiften (6) und (22) von IC8004 an?
Nein
IC8027 oder peripheres Bauteil defekt.
Ja
Liegen Signale am Stift (194) von IC8027 an?
Nein
IC8001, IC8004 oder periphere Bauteile defekt.
Ja
Den Synchronisierungs-Ausgangssignalschaltkreis und seine peripheren Schaltkreise überprüfen.

# FEHLERSUCHE FÜR PC/SCHNITTSTELLENEINHEIT (fortgesetzt)



# 規格參數

| | |
|---|---|
| 產品類型 | 液晶投影機 |
| 型號 | XG-3790E |
| 視頻制式 | PAL/SECAM/NTSC 3.58/NTSC 4.43 |
| 顯示方法 | 一塊液晶板，RGB三色光學色盤方式 |
| 液晶板 | |
| 液晶板尺寸 | 16.3厘米（6.4英寸）(97.5【高】×130.0【寬】毫米) |
| 顯示方法 | 半透明TN液晶板 |
| 驅動方式 | 薄膜晶體管（TFT）活性矩陣板 |
| 像素數量 | 480,000像素 (800【W】×600【V】) |
| 鏡頭 | F4.4，f=218毫米 |
| 投影燈泡 | 350瓦金屬鹵燈 |
| 對比度 | 100：1 |
| 視頻輸入訊號 | RCA插頭：視頻，復合視頻，峰間1伏，負同步，75歐姆端子 |
| | RCA插頭：聲頻，0.5伏有效值，小於22千歐姆 |
| S-視頻輸入訊號 | 4芯小型DIN連接插頭 |
| | Y（亮度訊號）：峰間值1伏，負同步，75歐姆端子 |
| | C（色度訊號）：脈衝峰間值0.286伏，75歐姆端子 |
| 音頻輸出訊號 | RCA連接插頭：聲頻，0.5伏有效值，小於2.2千歐姆 |
| 水平解像度 | 500行電視掃描 |
| 聲頻輸出 | 5瓦（單耳聲） |
| 電腦RGB輸入訊號 | |
| 數據訊號 | 15芯小型D-sub連接插頭：RGB分離式模擬輸入：峰間值0.7伏，正值，75歐姆端子 |
| 音頻訊號 | 聲頻0.5毫伏有效值，大於22千歐姆（立體聲） |
| 水平同步訊號 | TTL電平（正／負）或復合同步（僅限於Macintosh電腦） |
| 垂直同步訊號 | 同上 |
| 揚聲器 | 3吋（8厘米）圓形 |
| 額定電壓 | 交流200－240伏 |
| 額定頻率 | 50/60赫茲 |
| 耗電量 | 450瓦 |
| 工作溫度 | 攝氏5度至40度 |
| 存放溫度 | 攝氏-20度至55度 |
| 機殼 | 塑料 |
| 尺寸（寬×縱深×高） | 351×499×222毫米 |
| 重量 | 10.2公斤 |
| 隨機附件 | 遙控器、2節AAA乾電池、過濾網、VGA訊號接線(3 m)、MAC/VGA連接插頭、交流電線、鏡頭蓋（已裝上） |
| 自購更換部件 | 遙控器、空氣過濾器、VGA接線、Mac/VGA連接器、交流電源線 |

本投影機采用了液晶顯示板。這種非常精細的顯示板里含有480,000個像素。（RGB三色的薄膜管）。如同任何其他諸如大屏幕電視機、錄影設備及攝影機等高技術電子設備，本品也存在可容范圍內的誤差。SHARP公司容認的誤差規格允許存在不起作用的薄膜晶體管的總數為35個。它們在銀幕上表現為亮點。但這不影響圖像質量或投影機的使用壽命。

規格參數可有變更，恕不另行通知。

# 保养维修人员须知

## 紫外线辐射注意事项

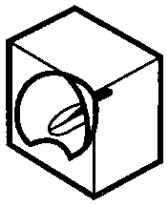
本液晶投影机的光源—金属检卤灯使用时会产生少量的紫外线辐射。

**防止眼睛和皮肤的直接曝射。**

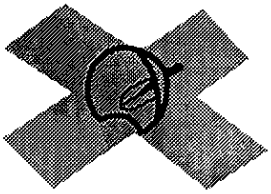
为保证安全，务请遵守下列注意事项：

1. 揭去投影机顶盖并打开金属检卤灯进行检查维修时，务请戴用太阳墨镜。

2. 切勿随意修弄金属检卤灯灯室外壳。



3. 揭去投影机顶盖的保养维修不得超过2小时以上。



**紫外线辐射与中压灯的注意事项**

1. 更换中压灯前，请先拔除电源插头。
2. 保养维修该装置前，请先让其冷却一小时以上。
3. 更换中压灯只得用同类型号者：
   CLMPF0037DE01额定值65V/350W
4. 该灯点亮时有少量紫外线辐射发生，切勿直接曝照裸眼。
5. 中压灯有引起爆炸之危险。安全、保养及检修时，务请按照下述要求谨慎处理之。

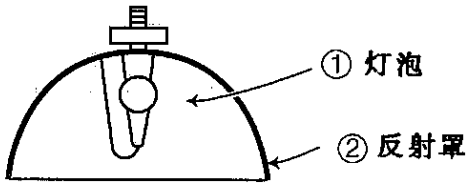
**■ 金属检卤灯的更换**

注意：

该灯于点亮时所达温度极高。因此，更换该灯至少应在关灯后一小时再进行。（让该灯充分冷却。）

用手安装新灯时，只得抓握检卤灯反射罩②进行安装，切勿用手触碰灯泡电珠。

〔更换新灯只得用规定正品。〕




**危险！**——没安装金属检卤灯时，不得打开电源开关。因为引入电源后，稳压器便随即发生极高的电压，足以引起人身高压触电或装置损坏的危险。

关于紫外线辐射的注意事项（续）

在进行维修工作时，应置灯室盖罩于开槽部位。（图1）

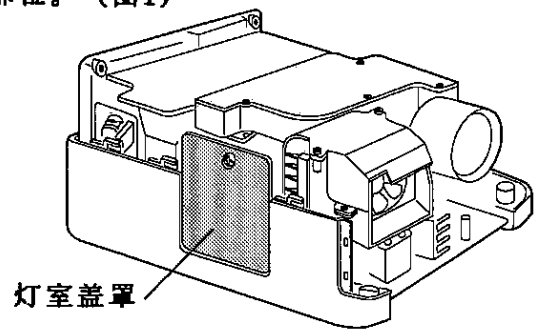
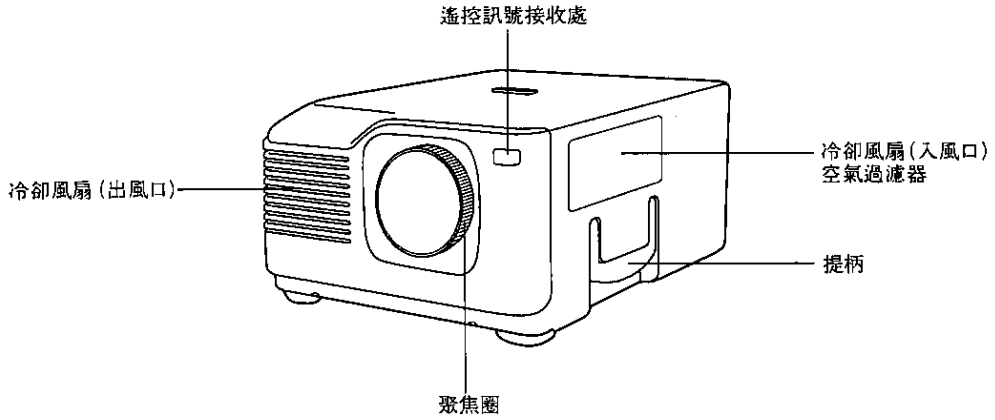



图1

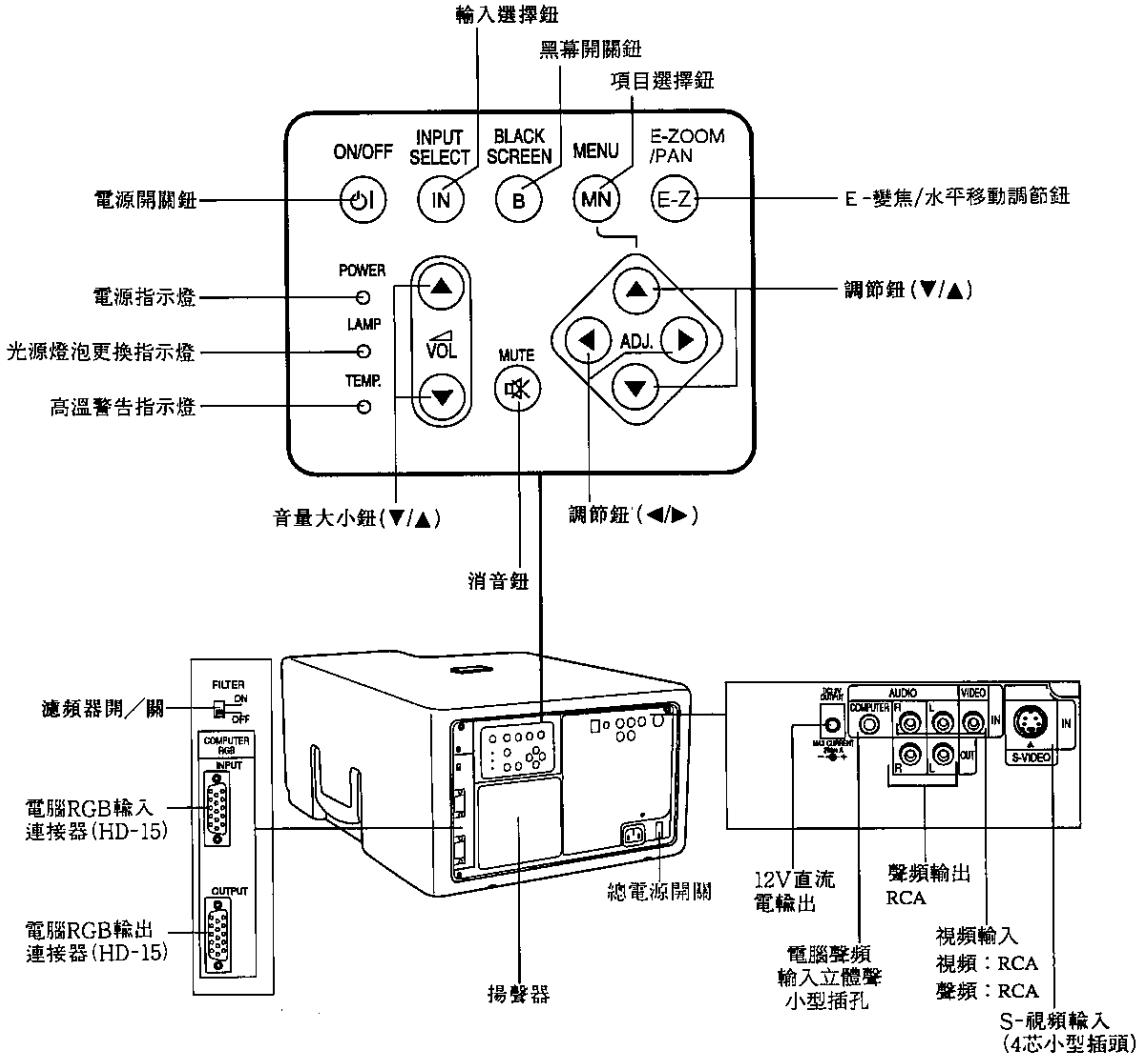
# 控制鈕的位置

## 前視




## 投影機背面操作板

## 後視

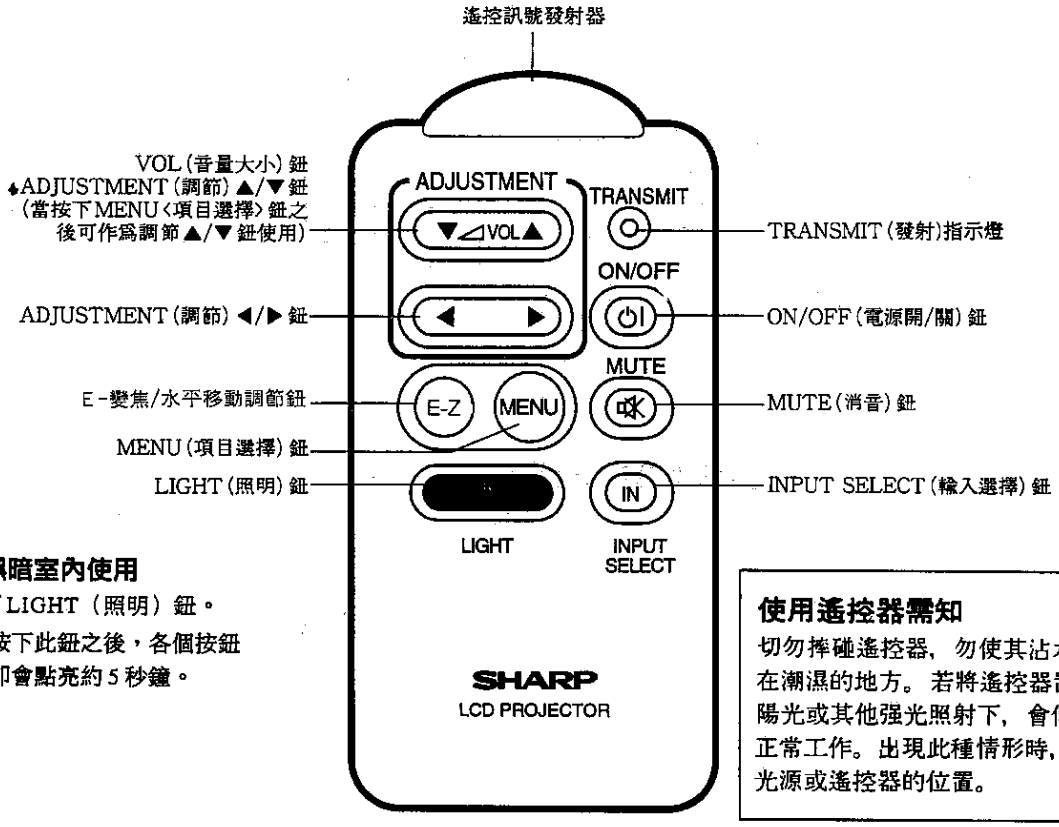



**注意：**

• 當大於200毫安的電流通過12V直流電輸出口時，投影機的安全裝置將啓動，自動關閉投影機並使其進入待機狀態。

# 遙控器的使用方法

## 遙控器



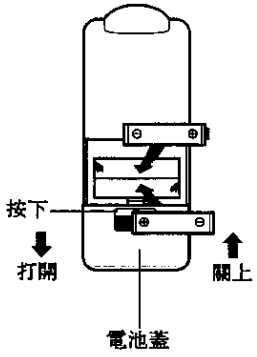

### 在黑暗室內使用

按下LIGHT（照明）鈕。

◇ 按下此鈕之後，各個按鈕即會點亮約5秒鐘。

### 使用遙控器需知

切勿摔碰遙控器，勿使其沾水或放置在潮濕的地方。若將遙控器置於直射陽光或其他強光照射下，會使其不能正常工作。出現此種情形時，請改變光源或遙控器的位置。



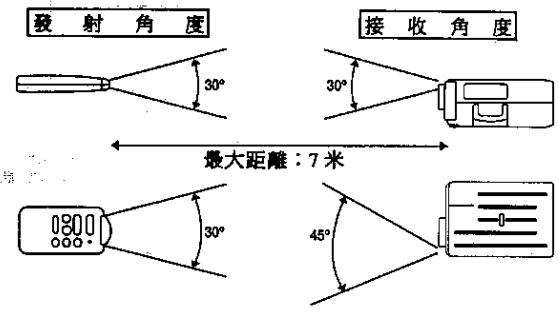

### 安裝電池

如圖所示卸下電池蓋，裝入2節AAA型電池。務請注意電池之極性必需符合電池槽內之(+)和(−)的標記。

註：

電池使用不當會造成漏液或爆裂。

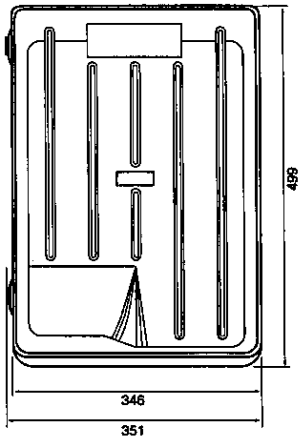
- 插入電池時必須使其極性與電池槽內標出的極性（＋）、（—）相一致。
- 若長期不用遙控器，應將電池取出。
- 始終保持電池的乾淨。
- 切勿將商標不同的電池混合使用。新舊電池的混合使用會使新電池的壽命縮短，而舊電池則會漏液。
- 當電池耗盡之後，應立刻取出以防漏液損傷遙控器。漏出的電池液體對皮膚有刺激，擦拭時應用乾布。
- 由於隨機附件的電池受庫存條件及庫存時間影響，可能會在短時間內用完。應盡早更換新的電池。



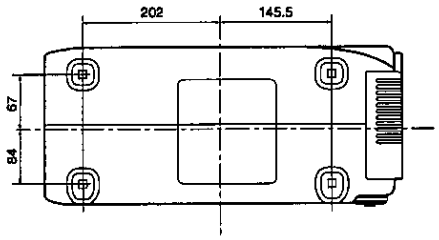

### 遙控器的操作範圍

◇ 遙控器的操作按左圖所示。

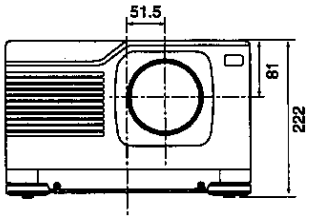
# 外型尺寸圖



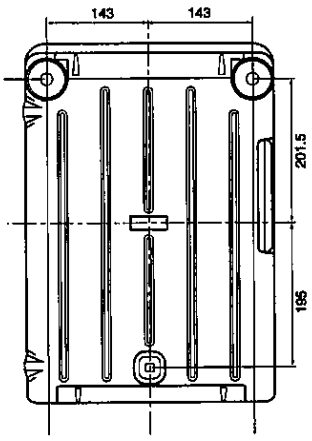

俯視圖




側視圖



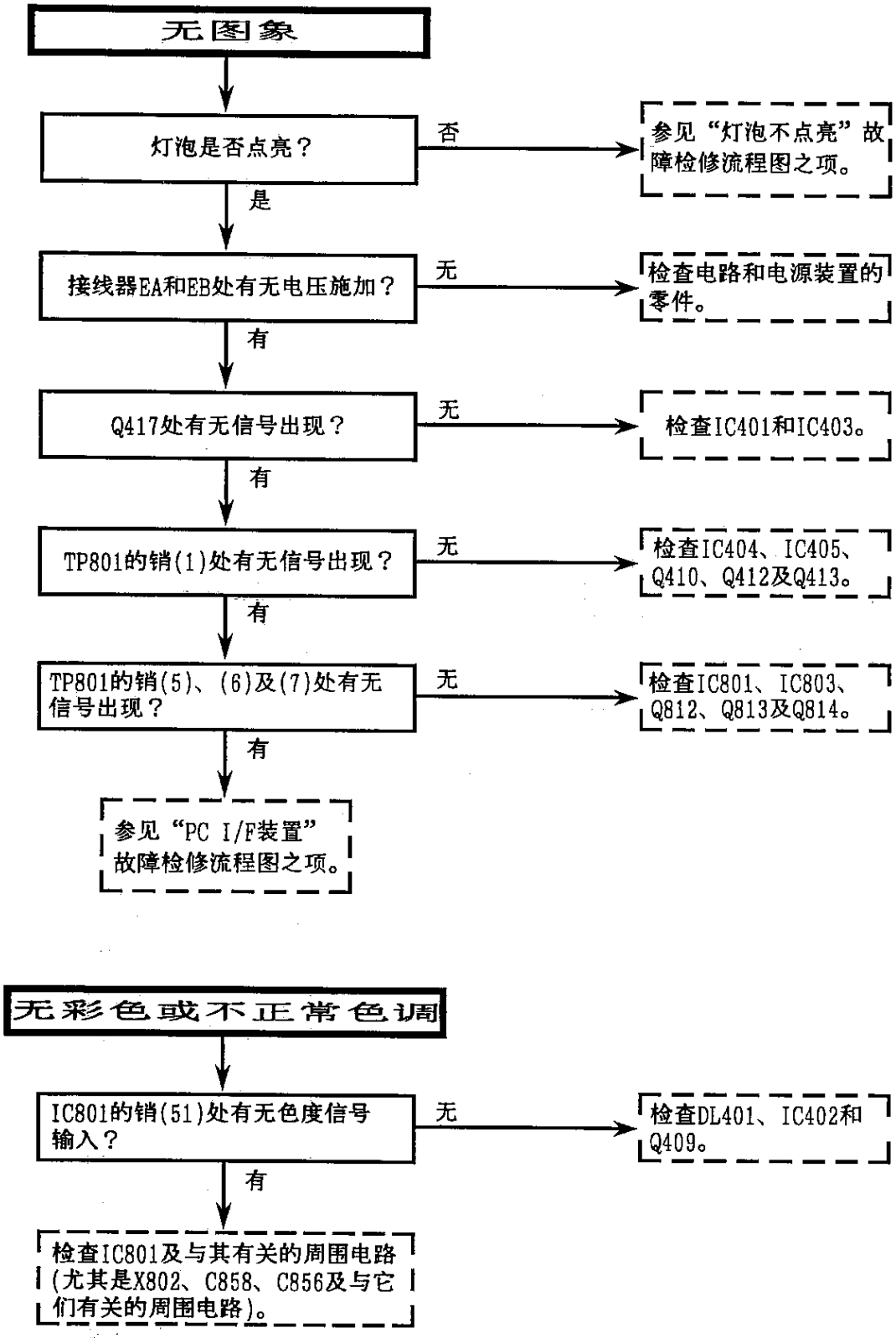

正視圖



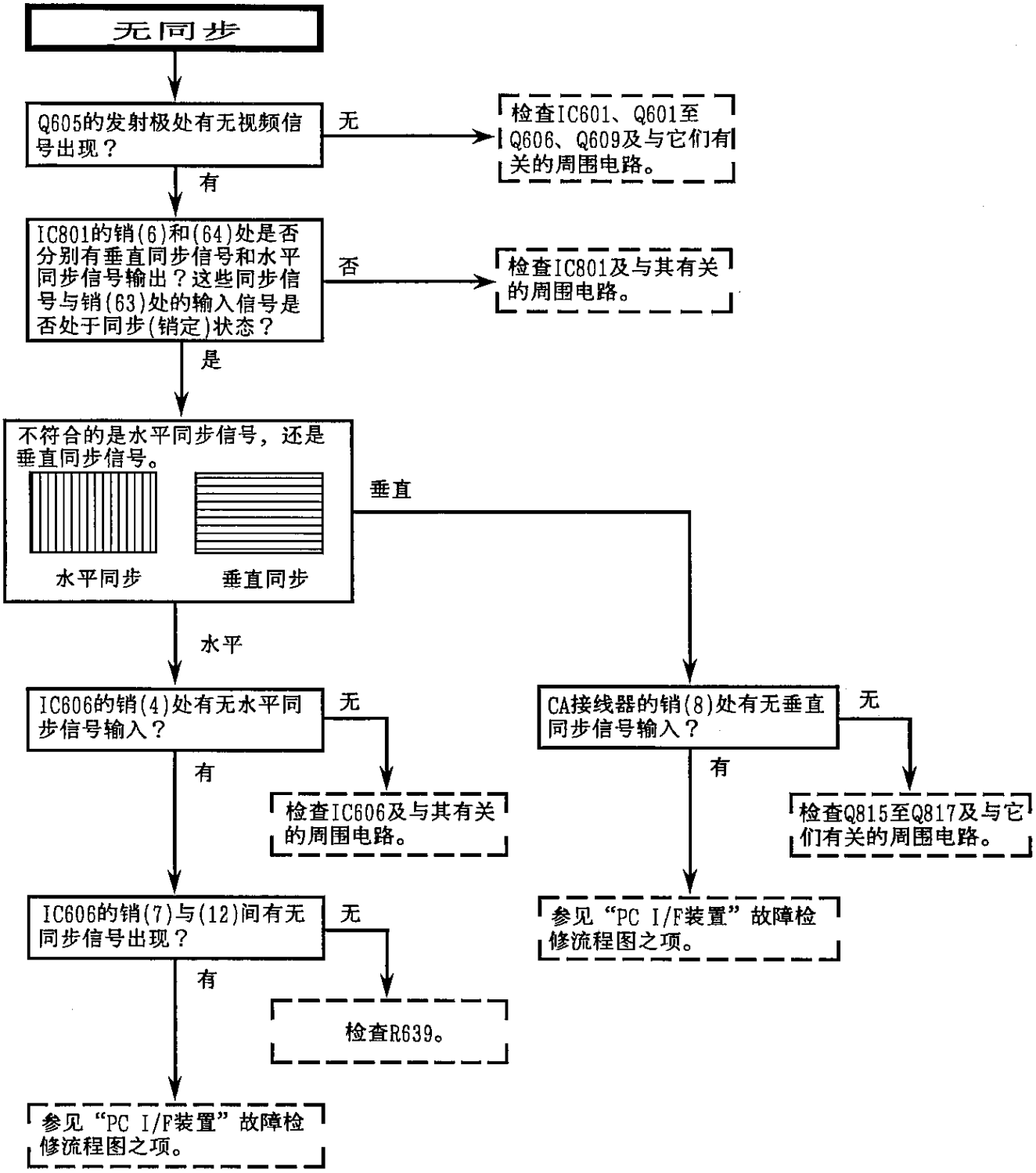

仰視圖

單位 mm(毫米)

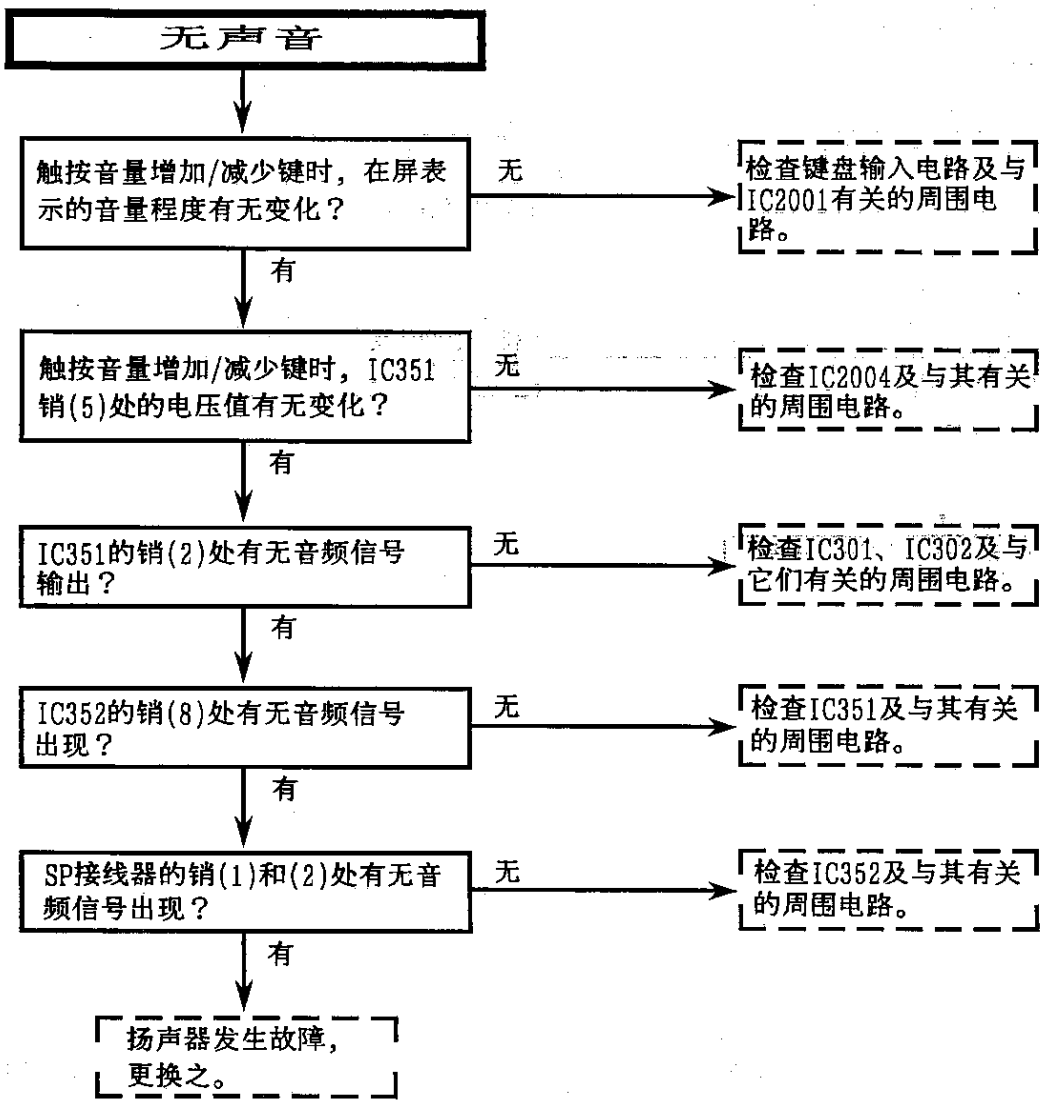
# 故障检修流程图


无图象
灯泡是否点亮？
否
参见“灯泡不点亮”故障检修流程图之项。
是
接线器EA和EB处有无电压施加？
无
检查电路和电源装置的零件。
有
Q417处有无信号出现？
无
检查IC401和IC403。
有
TP801的销(1)处有无信号出现？
无
检查IC404、IC405、Q410、Q412及Q413。
有
TP801的销(5)、(6)及(7)处有无信号出现？
无
检查IC801、IC803、Q812、Q813及Q814。
有
参见“PC I/F装置”故障检修流程图之项。
无彩色或不正常色调
IC801的销(51)处有无色度信号输入？
无
检查DL401、IC402和Q409。
有
检查IC801及与其有关的周围电路(尤其是X802、C858、C856及与它们有关的周围电路)。

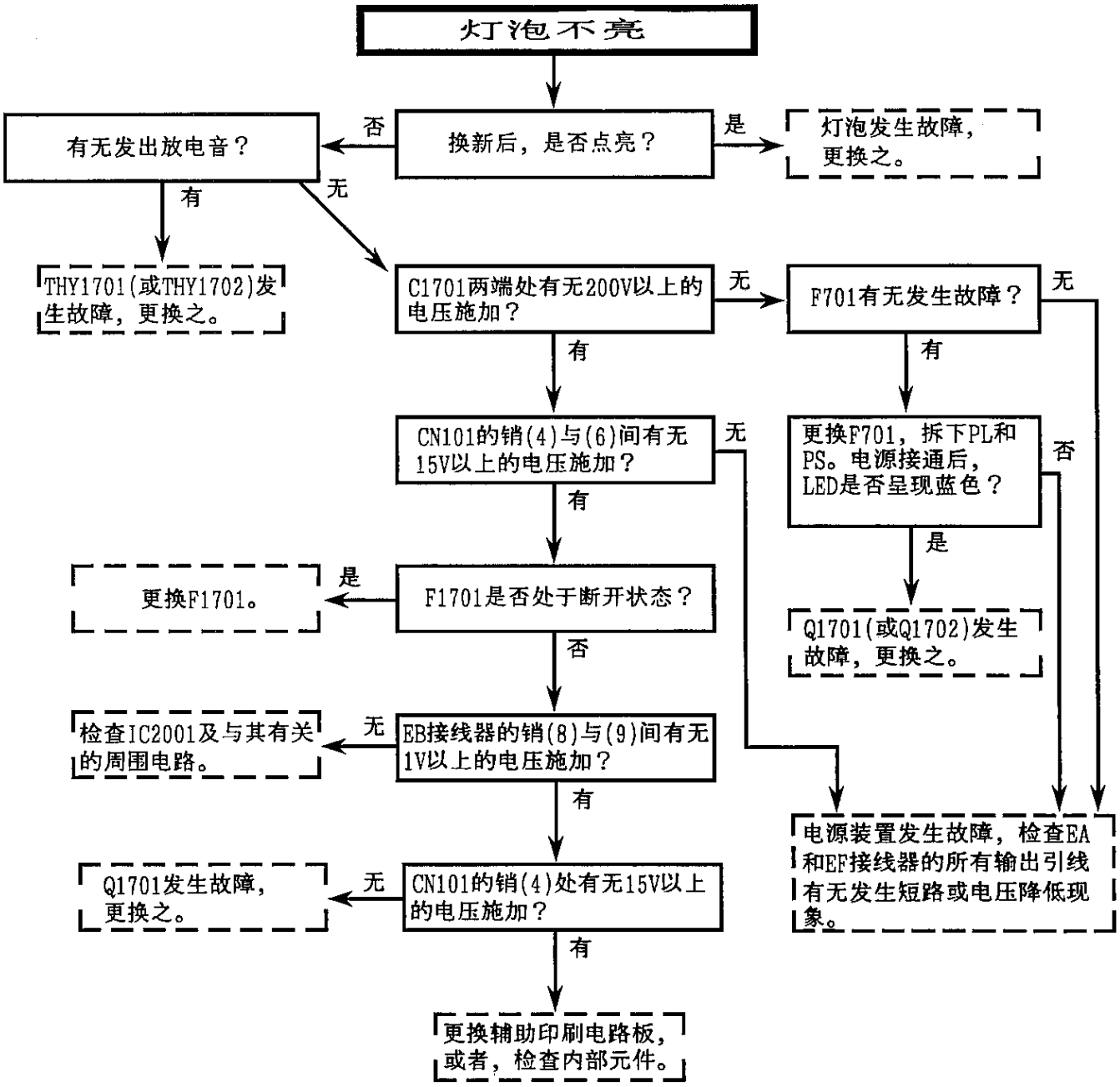
# 故障检修流程图(接上页)


无同步
Q605的发射极处有无视频信号出现？
无
检查IC601、Q601至Q606、Q609及与它们有关的周围电路。
有
IC801的销(6)和(64)处是否分别有垂直同步信号和水平同步信号输出？这些同步信号与销(63)处的输入信号是否处于同步(销定)状态？
否
检查IC801及与其有关的周围电路。
是
不符合的是水平同步信号，还是垂直同步信号。
水平同步
垂直同步
垂直
水平
IC606的销(4)处有无水平同步信号输入？
无
检查IC606及与其有关的周围电路。
有
IC606的销(7)与(12)间有无同步信号出现？
无
检查R639。
有
参见“PC I/F装置”故障检修流程图之项。
CA接线器的销(8)处有无垂直同步信号输入？
无
检查Q815至Q817及与它们有关的周围电路。
有
参见“PC I/F装置”故障检修流程图之项。

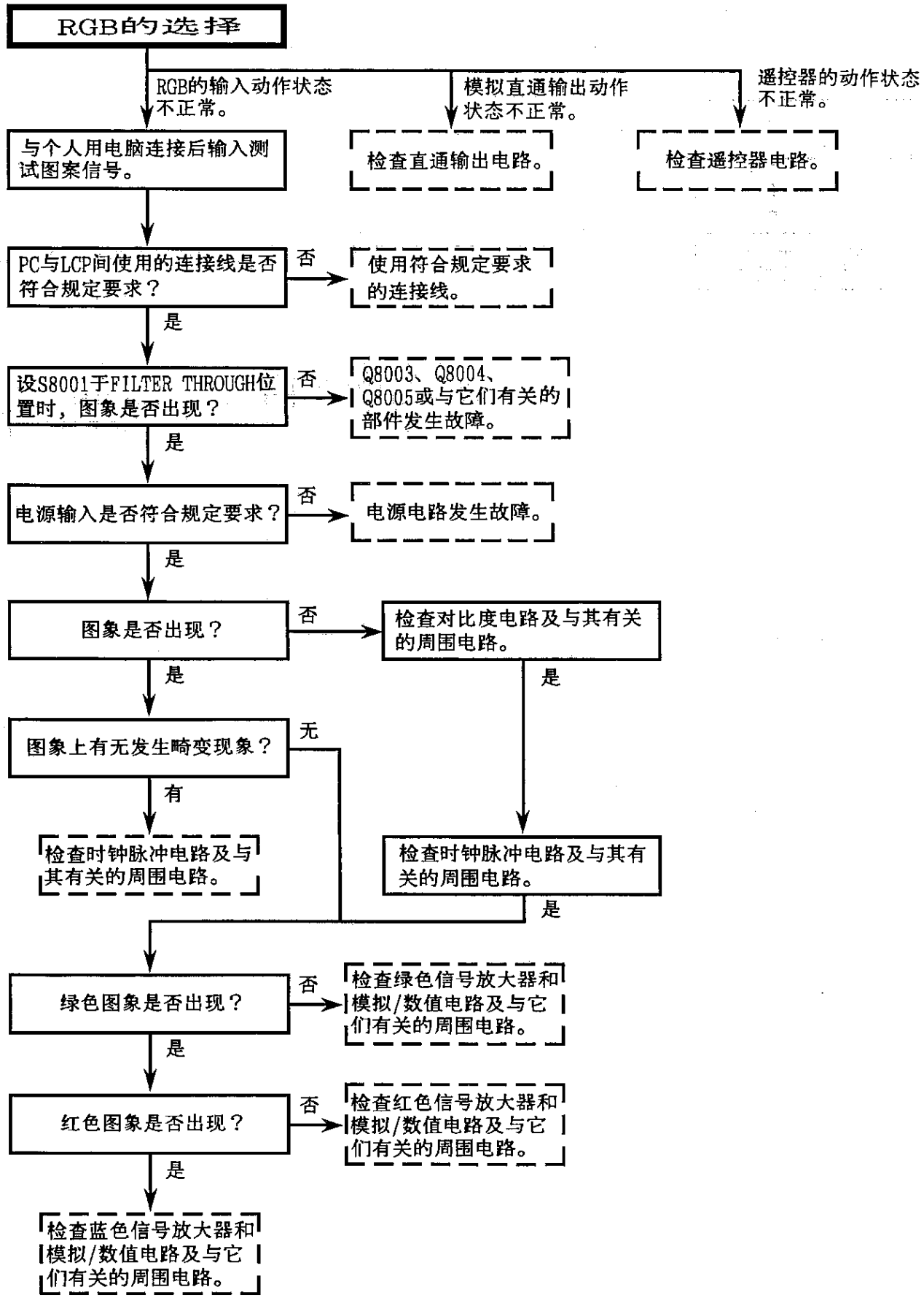
# 故障检修流程图(接上页)


无声音
触按音量增加/减少键时，在屏表示的音量程度有无变化？
无
检查键盘输入电路及与IC2001有关的周围电路。
有
触按音量增加/减少键时，IC351销(5)处的电压值有无变化？
无
检查IC2004及与其有关的周围电路。
有
IC351的销(2)处有无音频信号输出？
无
检查IC301、IC302及与它们有关的周围电路。
有
IC352的销(8)处有无音频信号出现？
无
检查IC351及与其有关的周围电路。
有
SP接线器的销(1)和(2)处有无音频信号出现？
无
检查IC352及与其有关的周围电路。
有
扬声器发生故障，更换之。

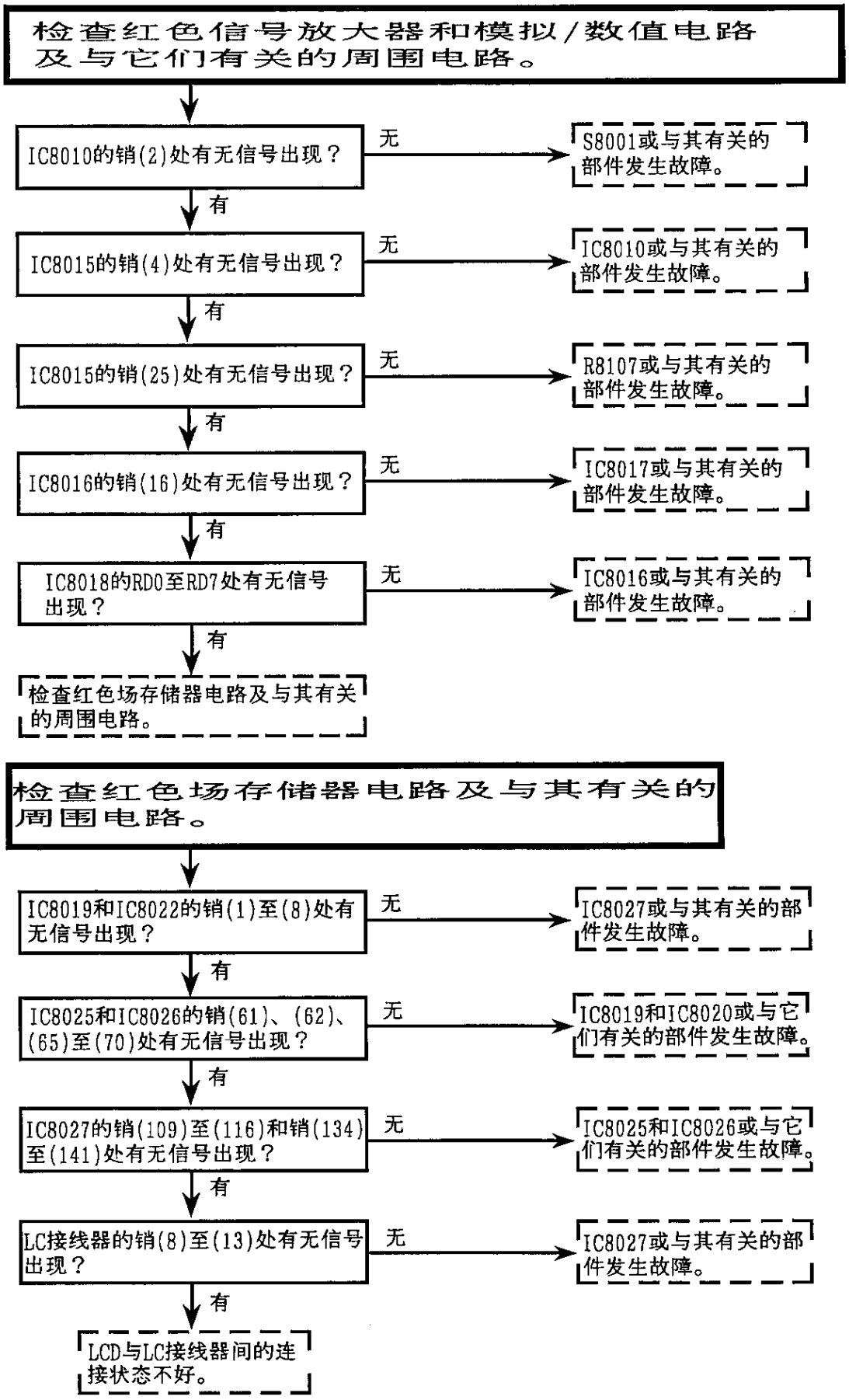
# 故障检修流程图(接上页)


灯泡不亮
换新后，是否点亮？
否
是
灯泡发生故障，更换之。
有无发出放电音？
有
无
THY1701(或THY1702)发生故障，更换之。
C1701两端处有无200V以上的电压施加？
无
有
F701有无发生故障？
无
有
更换F701，拆下PL和PS。电源接通后，LED是否呈现蓝色？
否
是
Q1701(或Q1702)发生故障，更换之。
CN101的销(4)与(6)间有无15V以上的电压施加？
无
有
F1701是否处于断开状态？
是
更换F1701。
否
EB接线器的销(8)与(9)间有无1V以上的电压施加？
无
检查IC2001及与其有关的周围电路。
有
CN101的销(4)处有无15V以上的电压施加？
无
Q1701发生故障，更换之。
有
更换辅助印刷电路板，或者，检查内部元件。
电源装置发生故障，检查EA和EF接线器的所有输出引线有无发生短路或电压降低现象。

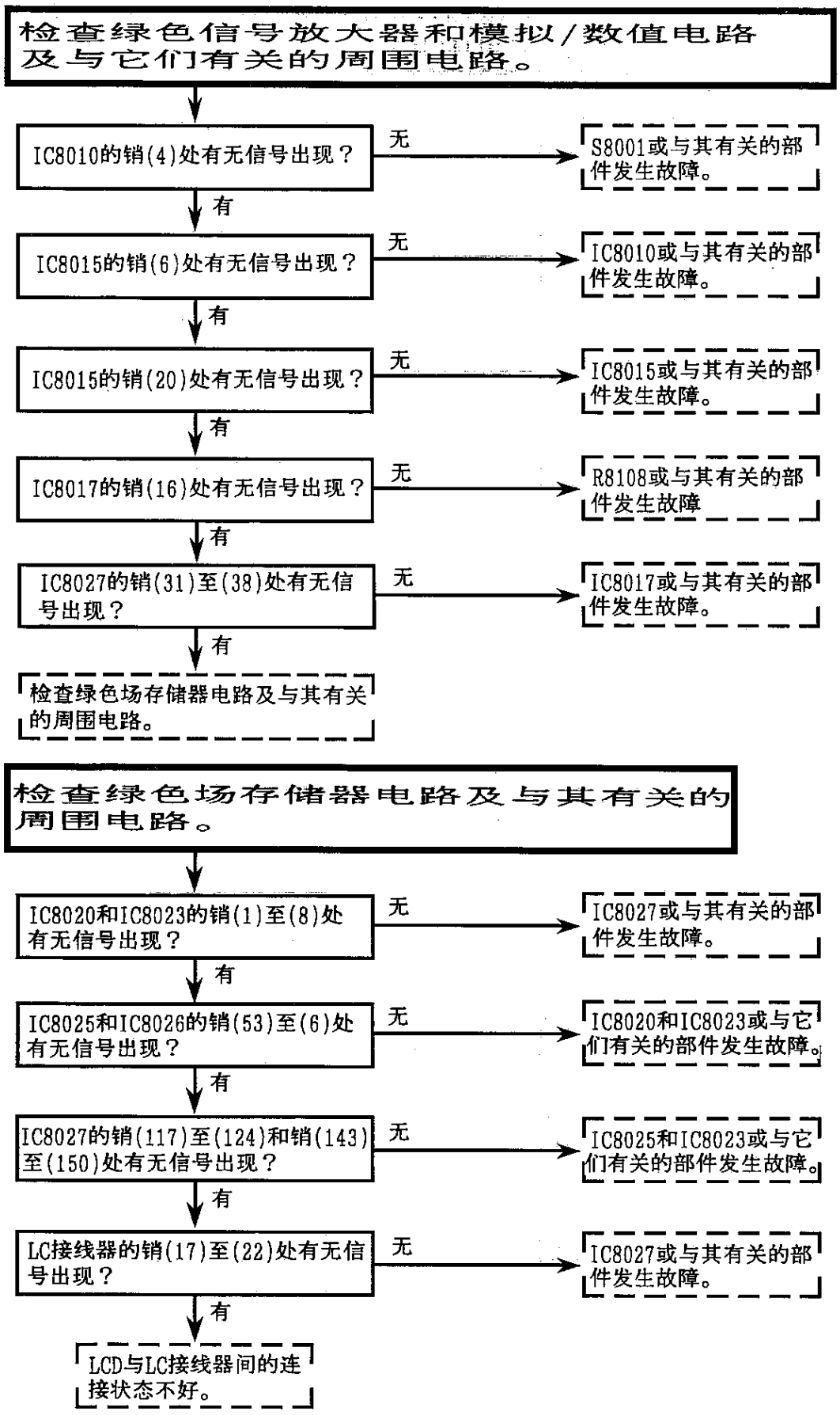
# PC/IF装置的故障检修流程图



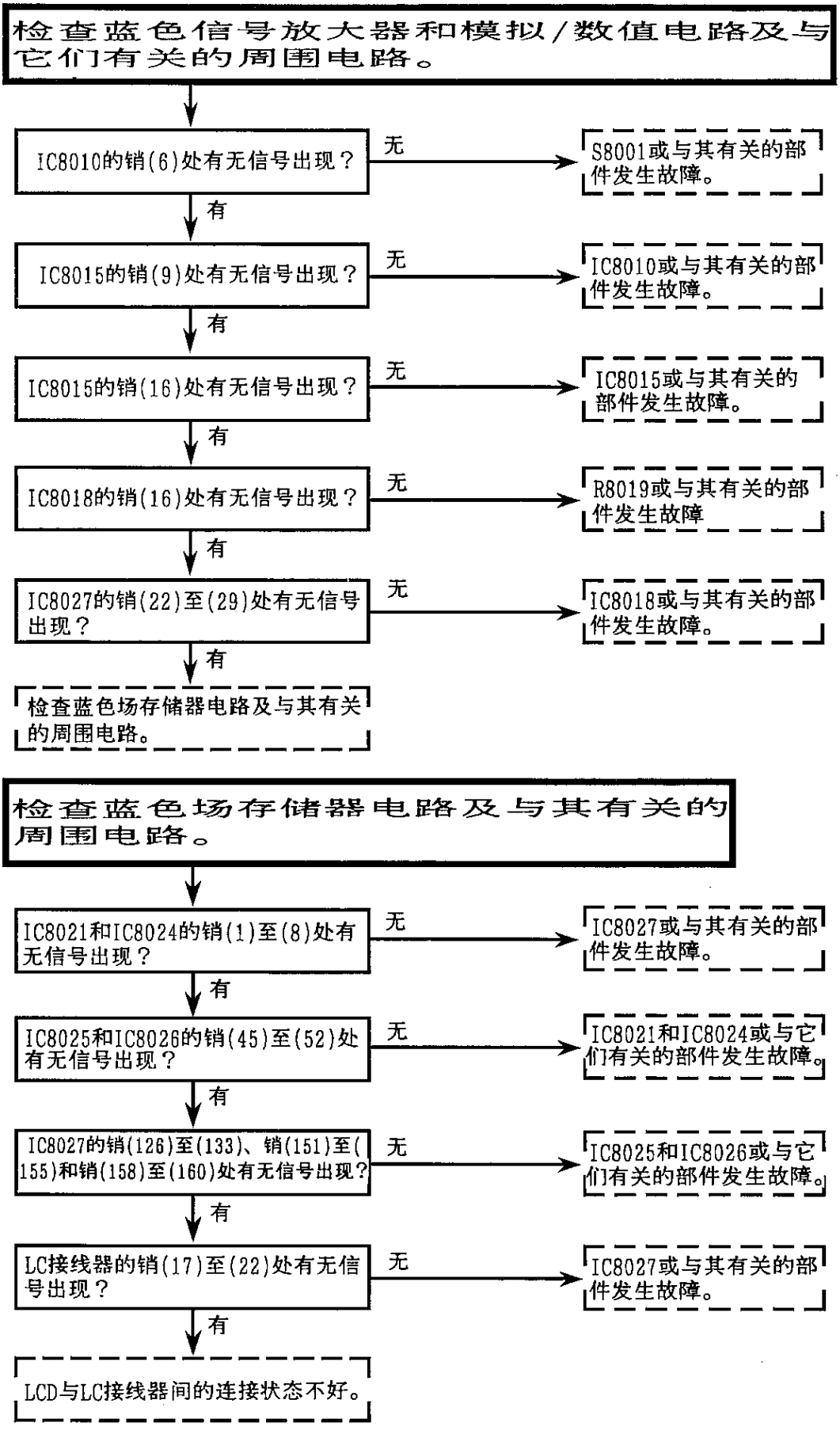
# PC/IF装置的故障检修流程图(接上页)



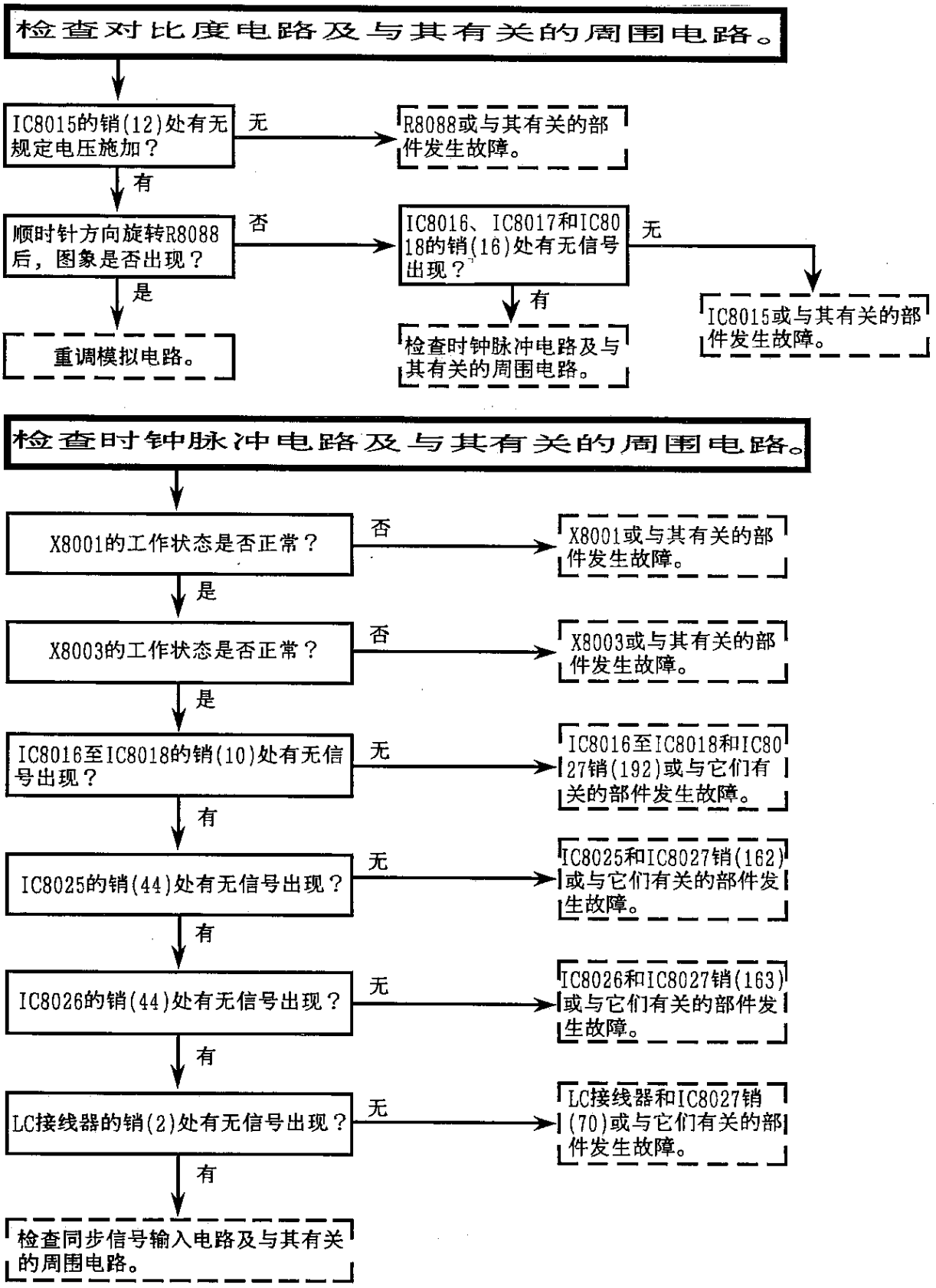
# PC/IF装置的故障检修流程图(接上页)



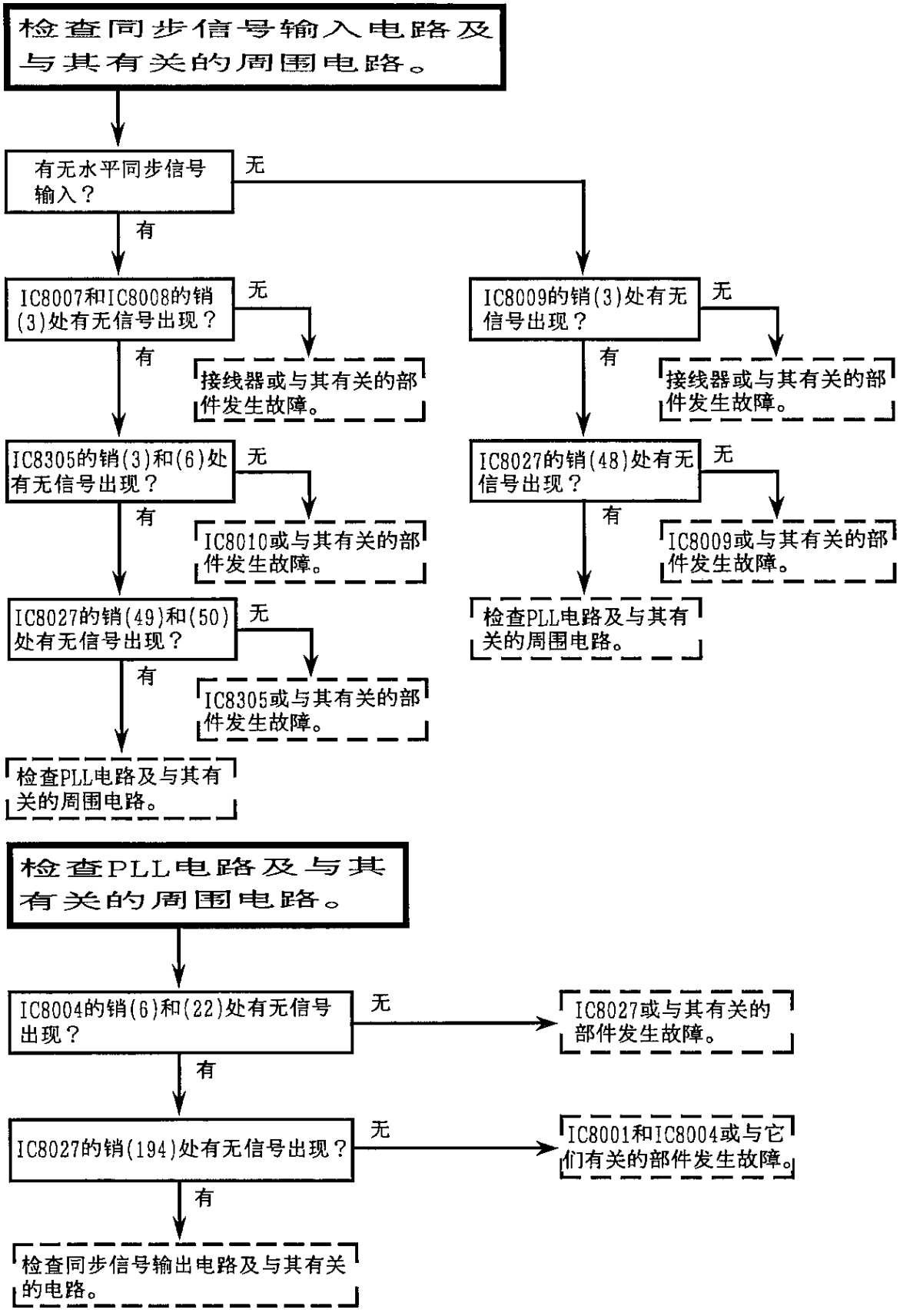
# PC/IF装置的故障检修流程图(接上页)



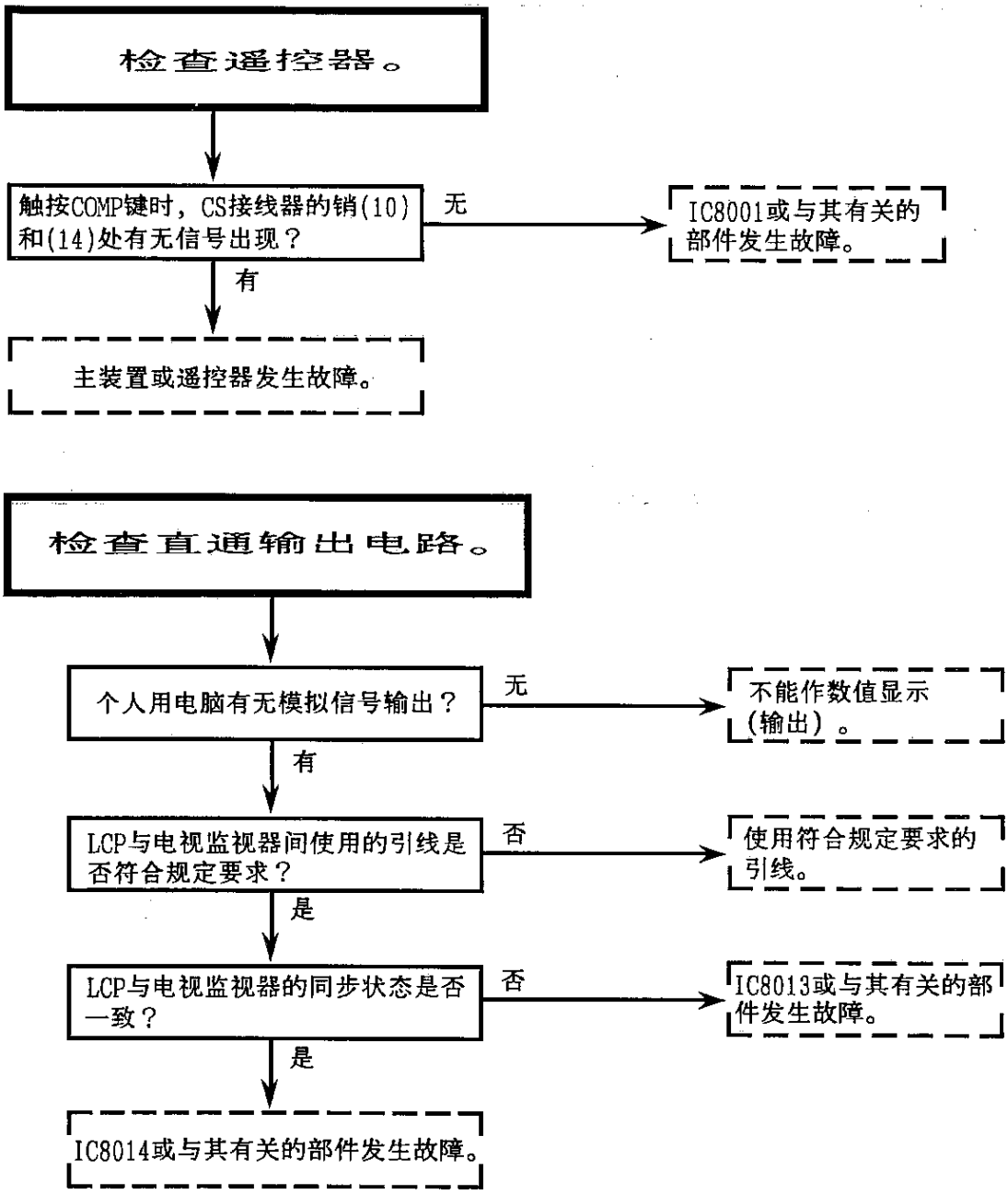
# PC/IF装置的故障检修流程图(接上页)



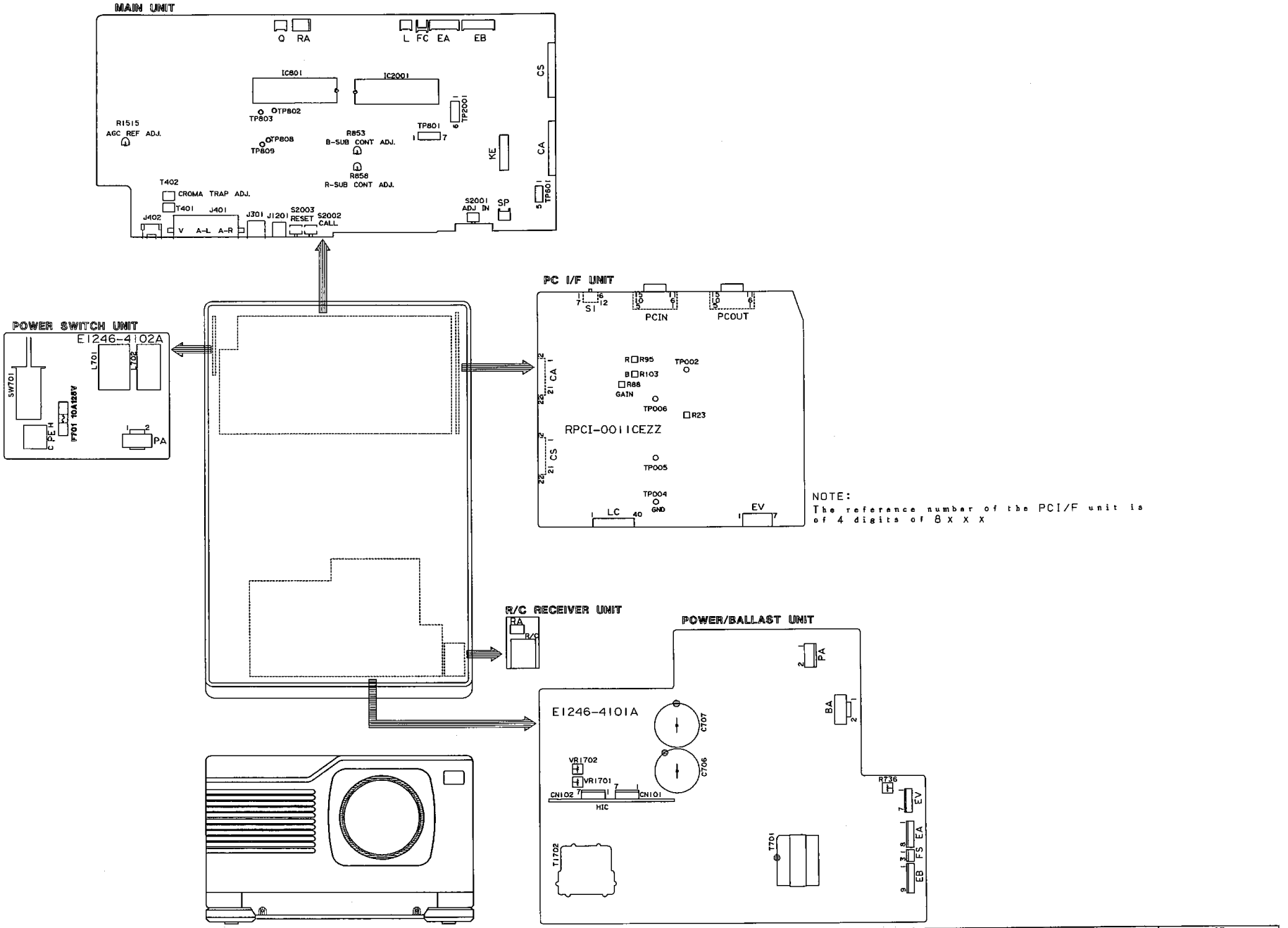
# PC/IF装置的故障检修流程图(接上页)



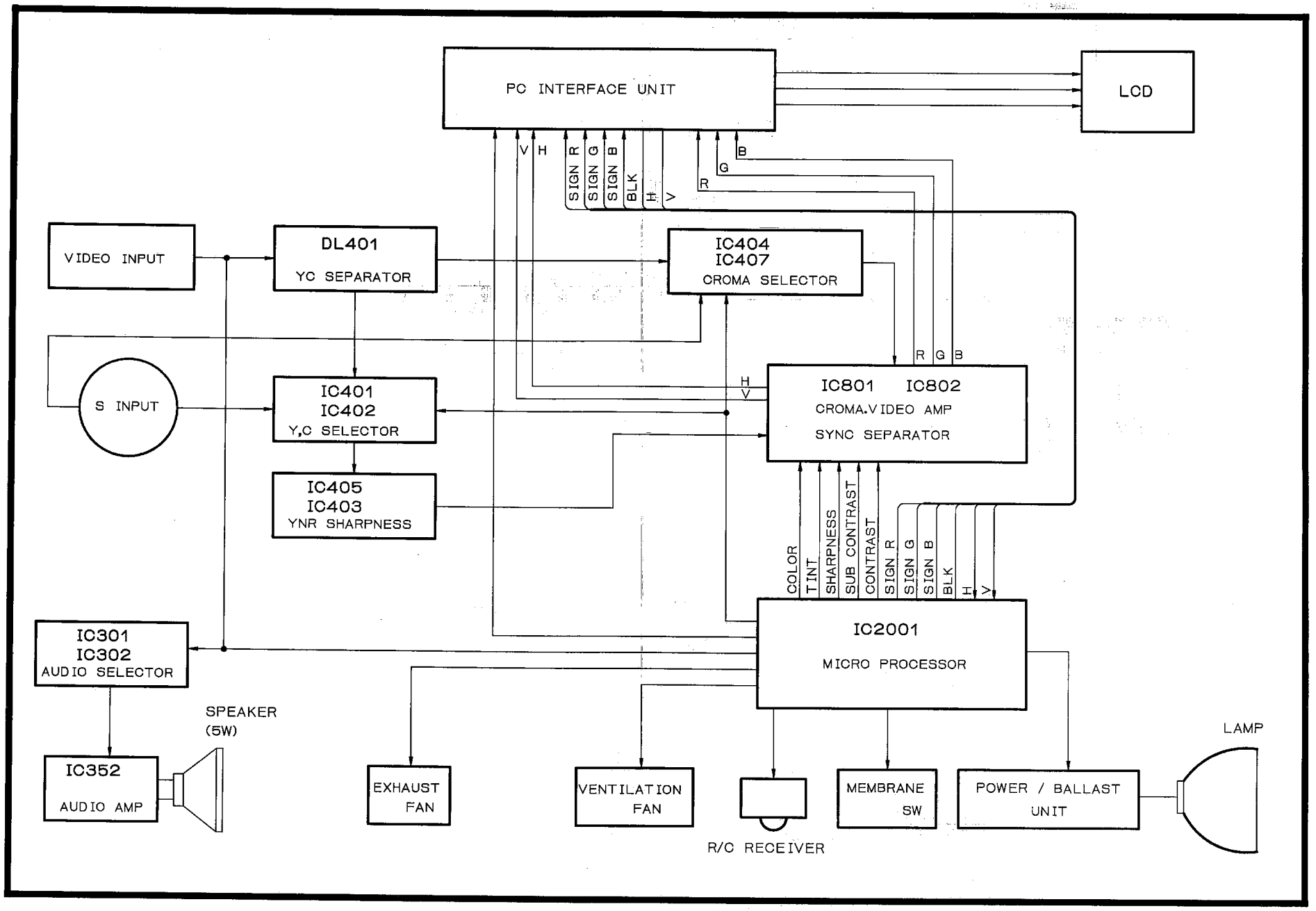
# PC/IF装置的故障检修流程图(接上页)



# CHASSIS LAYOUT/CHASSIS-LAYOUT/ 机芯底盘电路布置



## BLOCK DIAGRAM/BLOCKDIAGRAMM 电路方框图



## DESCRIPTION OF Â SCHEMATIC DIAGRAM

### VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

### WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

### INDICATION OF RESISTOR & CAPACITOR:

### RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

Ⓒ: Solid Ⓦ: Cement
Ⓢ: Oxide Film Ⓣ: Special
Ⓝ: Metal Coating

### CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
(PF): Polypro Film (ST): Styrol

***CAUTION:***
***This circuit diagram is original one, therefore there may be a slight difference from yours.***

***SAFETY NOTE:***
1. ***DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.***
2. ***SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.***

***IMPORTANT SAFETY NOTICE:***
***PARTS MARKED WITH "⚠" ( ▒▒▒ ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.***

## BESCHREIBUNG DES SCHEMATICHEN SCHALTPLANS

### SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpukten bei einer Netzspannung von 120 V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

### SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpukten werden bei einer Netzspannung von 120V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

### BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

### WIDERSTAND

1, Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000Ω, M=MΩ)
2. Alle Widerstände haben ±5%, sofern nicht anders angegeben. (J=±5%, F=±1%, D=±0.5%)
3. Alle Widerstände haben 1/10W, sofen nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofen nicht anders angegeben.

Ⓒ: Fest Ⓦ: Zement
Ⓢ: Oxidfilm Ⓣ: Spezial
Ⓝ: Metallüberzug

### KONDENSATOR

1. Alle Kapazitätseinheit ist μF, sofern nicht anders angegeben. (P=pF=μμF)
2. Alle Kondensatoren heben 50V, sofern nicht angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.

(ML): Mylar (TA): Tantal
(PF): Polyprofilm (ST): Styrol

***ACHTUNG:***
***Bei diesem Schaltplan handlet es sich um den ursprünglichen. Esönnen daher geringfügige Unterschiede zu dem Ihren bestehen.***

***SICHERHEITSANMERKUNGEN:***
1. ***VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.***
2. ***DIE WARMEABLEITER DER HALBLEITER SOLLTEN BIEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.***

***WICHTIGE SICHERHEITSANMERKUNGEN:***
***MIT "⚠" ( ▒▒▒ ) BEZEICHNTEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT. BEIM WECHDIESER TTEILE SOLLTEN DIE VORGSCHTIBENEN TILE IMMER VERWENDENT WERDEN, UM SOWOOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.***

## 电 路 原 理 图 的 说 明

### 电压测定条件：

1.各测试点上的电压值是用AC120V电源电压来测定的。各种信号由维修专用的彩条信号发生器产生的，各种有关电压值是用20千欧姆/伏测试仪测定的。

### 波形测定条件：

1.各测试点上的波形是用AC120V电源电压观察到的。各种信号由维修专用的彩条信号发生器产生的。

### 电阻与电容器的表示：

### 电阻

1.电阻欧姆"Ω"单位予以略记。
（K＝kΩ＝1000Ω，M＝兆Ω）。
2.除特别说明者外，所有的电阻为±5%。
（J＝±5%，F＝±1%，D＝±0.5%）。
3.除特别说明者外，所有的电阻功率为1/10W。
4.除特别说明者外，所有的电阻为碳质。
Ⓒ：固体电阻 Ⓦ：陶瓷电阻
Ⓢ：氧化膜电阻 Ⓣ：特殊电阻
Ⓝ：金属涂层电阻

### 电容器

1.除特别说明者外，所有的电容器单位为微法（μF）。
（P＝微微法＝μμF）。
2.除特别说明者外，所有的电容器为50伏。
3.除特别说明者外，所有的电容器为陶瓷质。
（ML）：聚酯薄膜电容器 （TA）：钽质电容器
（PF）：聚乙烯薄膜电容器 （ST）：聚苯乙烯电容器

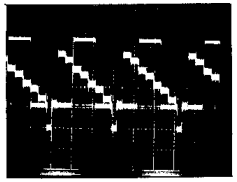
**注意：**
这里的电路原理图均为最初设计原理图，与您的机器的电路原理图可能有不同之处。

**安全使用注意事项：**
1.在进行部件更换之前，务请拔出电源插头。
2.本装置工作时，机芯底盘的半导体散热片有触电之虑，务请注意。

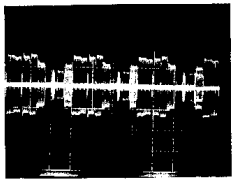
**安全使用注意要点：**
标有"⚠"（ ▒▒▒ ）的部件对于投影机安全的维护有至关重要的意义。为了维护本机的安全和使本机能正常工作，必须使用指定品来更换这些部件。



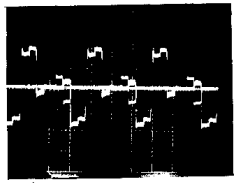
# WAVEFORMS/WELLENFORMEN/波形图



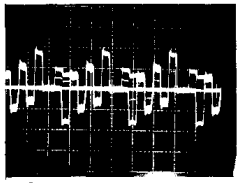
① Pin (1) of TP801
H: 20μsec/div
V: 200mV/div



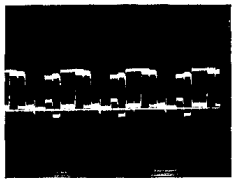
② Pin (51) of IC801
H: 20μsec/div
V: 200mV/div



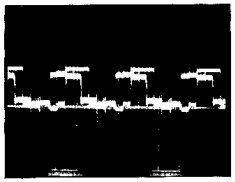
③ TP803
H: 20μsec/div
V: 200mV/div



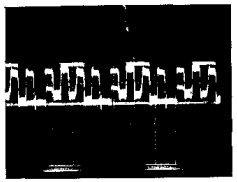
④ TP802
H: 20μsec/div
V: 200mV/div



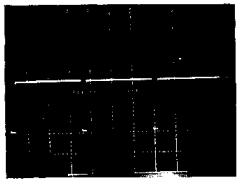
⑤ Pin (5) of TP801
H: 20μsec/div
V: 500mV/div
R Signal



⑥ Pin (6) of TP801
H: 20μsec/div
V: 500mV/div
G Signal

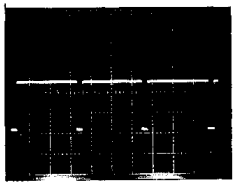


⑦ Pin (7) of TP801
H: 20μsec/div
V: 500mV/div
B Signal

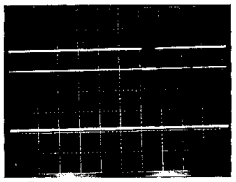


⑧ Pin (8) of Connector CA
H: 5msec/div
V: 2V/div
V-sync.

⑨ Pin (25) of IC8014
H: 20μsec/div
V: 1V/div

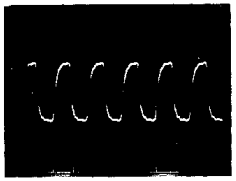


⑩ Pin (7) of Connector CA
H: 20μsec/div
V: 2V/div
H-sync



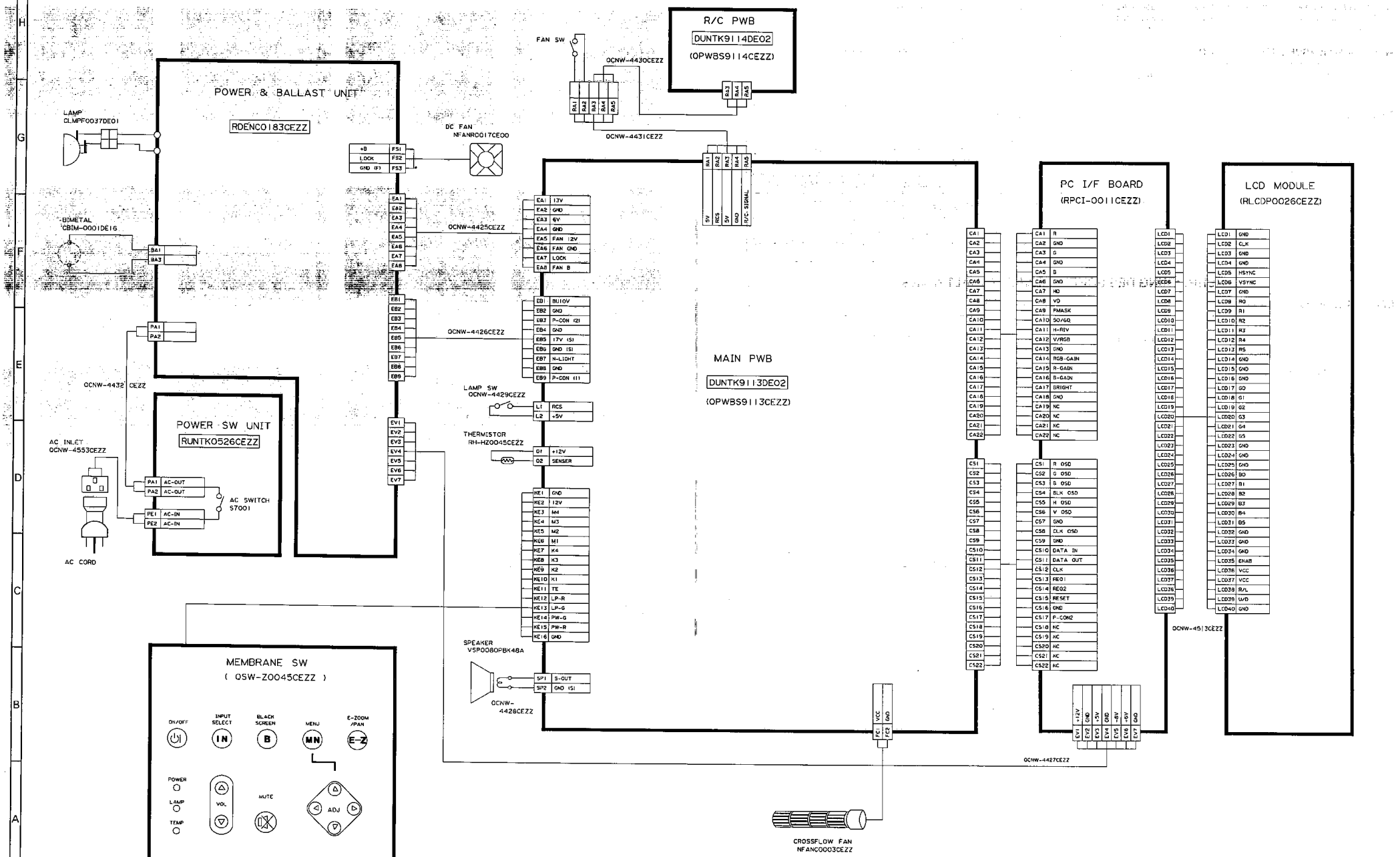
⑪ Pin (1), (12) of IC8019
H: 2msec/div
V: 5V/div

⑫ Pin (16) of IC8019
H: 20μsec/div
V: 5V/div

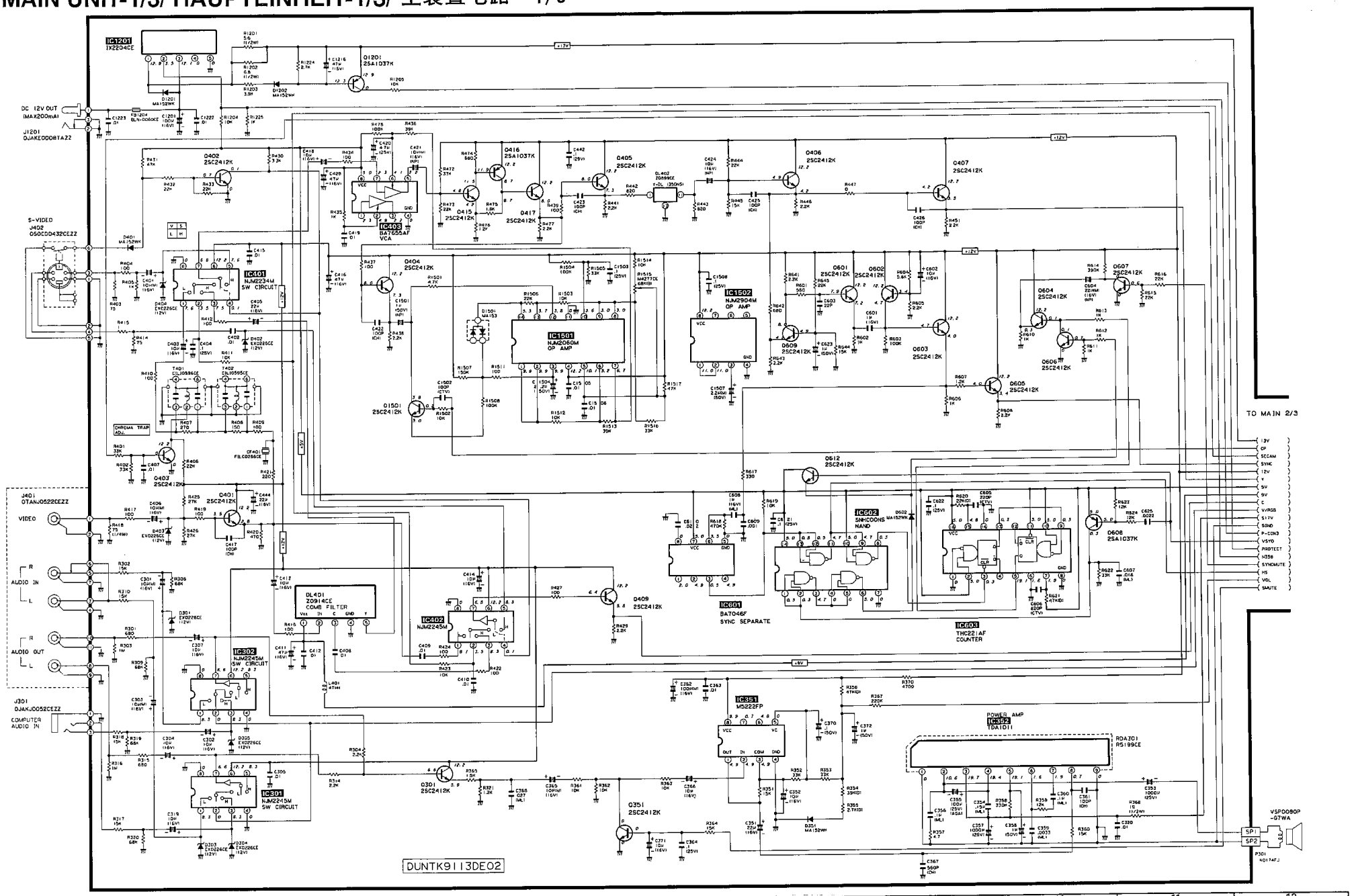


⑬ TP8005
H: 50msec/div
V: 1V/div

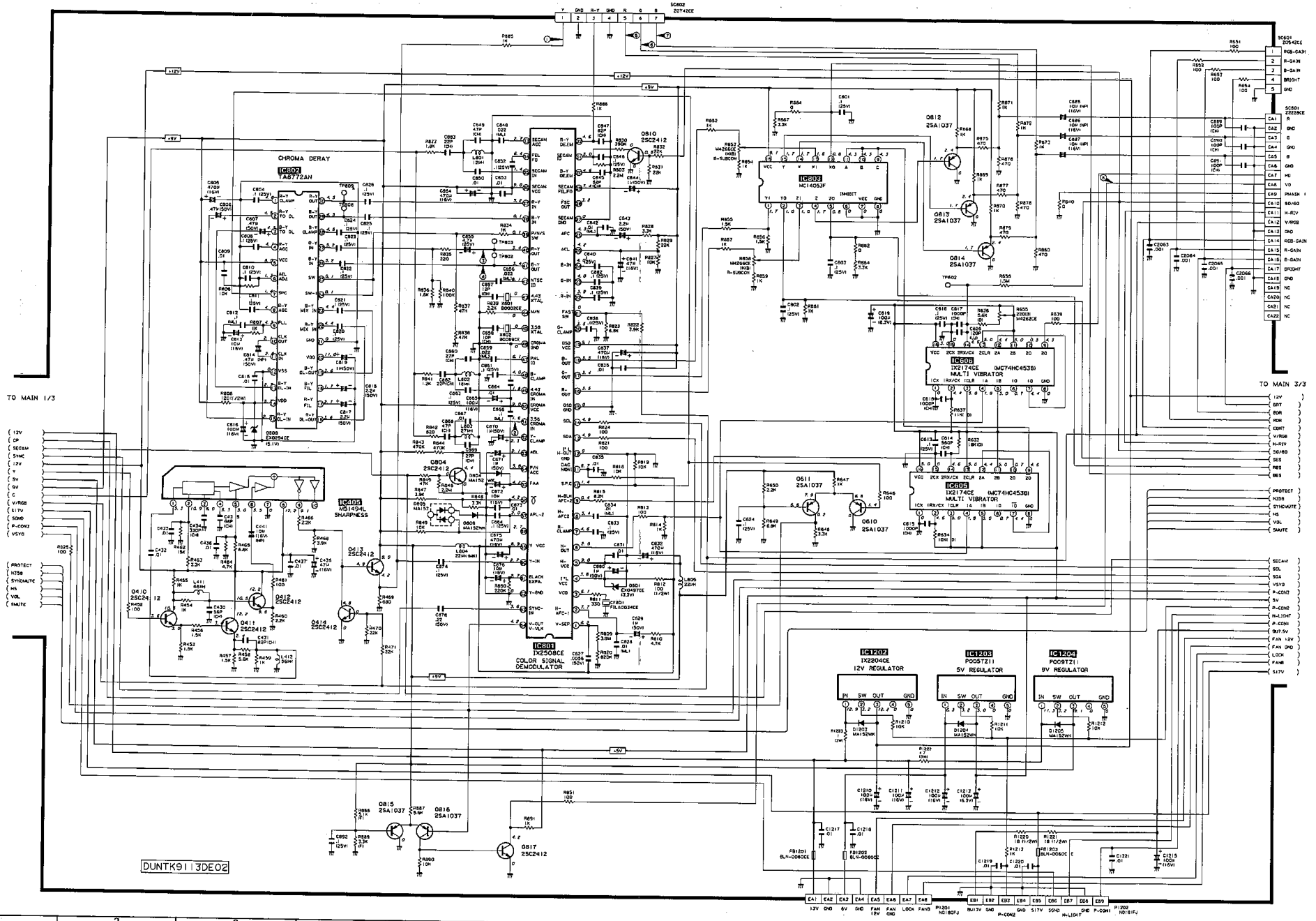
# OVERALL WIRING DIAGRAM/GESAMTSCHALTPLAN/整体印刷电路图



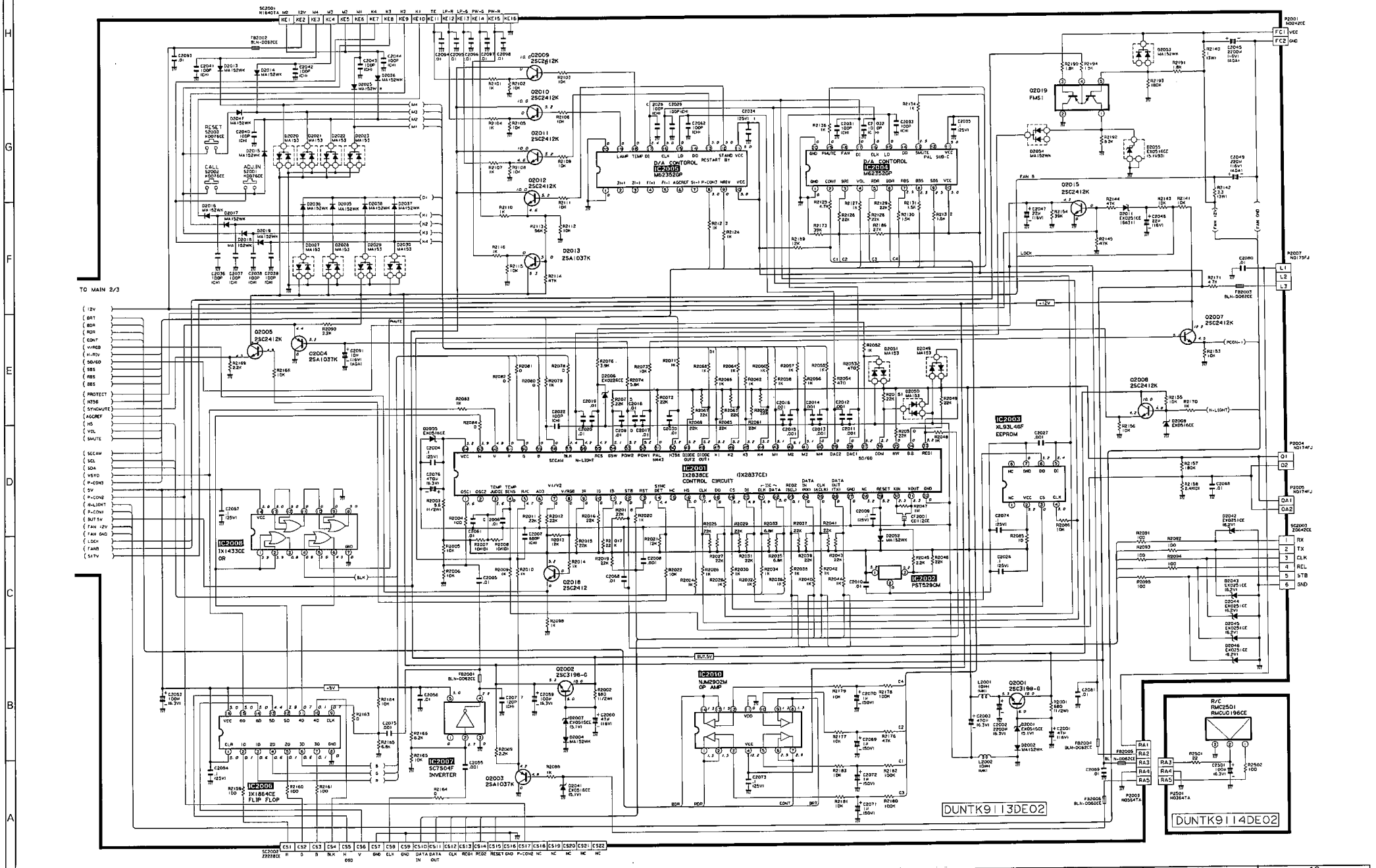
# ■ MAIN UNIT-1/3/ HAUPTEINHEIT-1/3/ 主装置电路－1/3



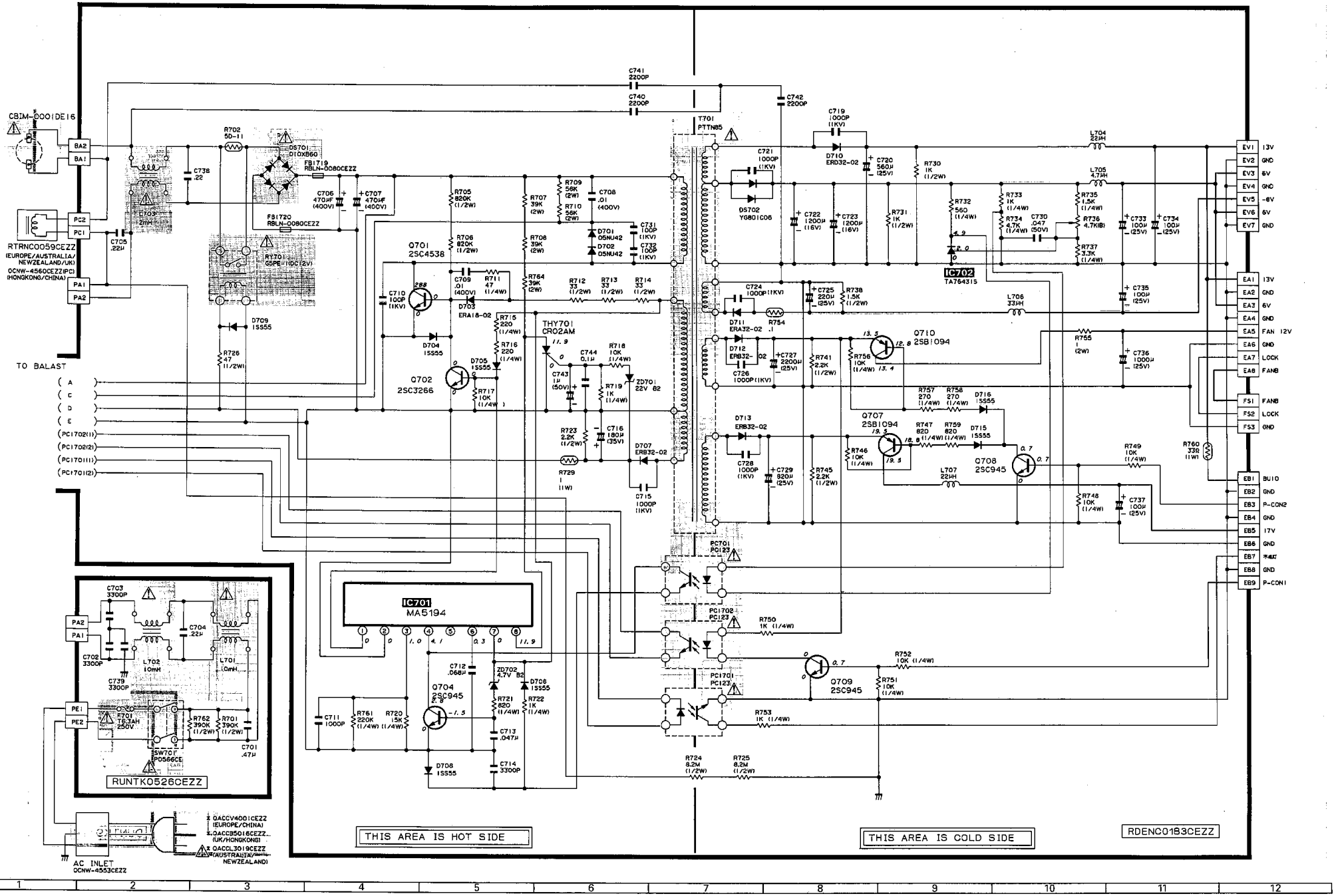
# ■MAIN UNIT-2/3/ HAUPTEINHEIT-2/3/ 主装置电路－2/3



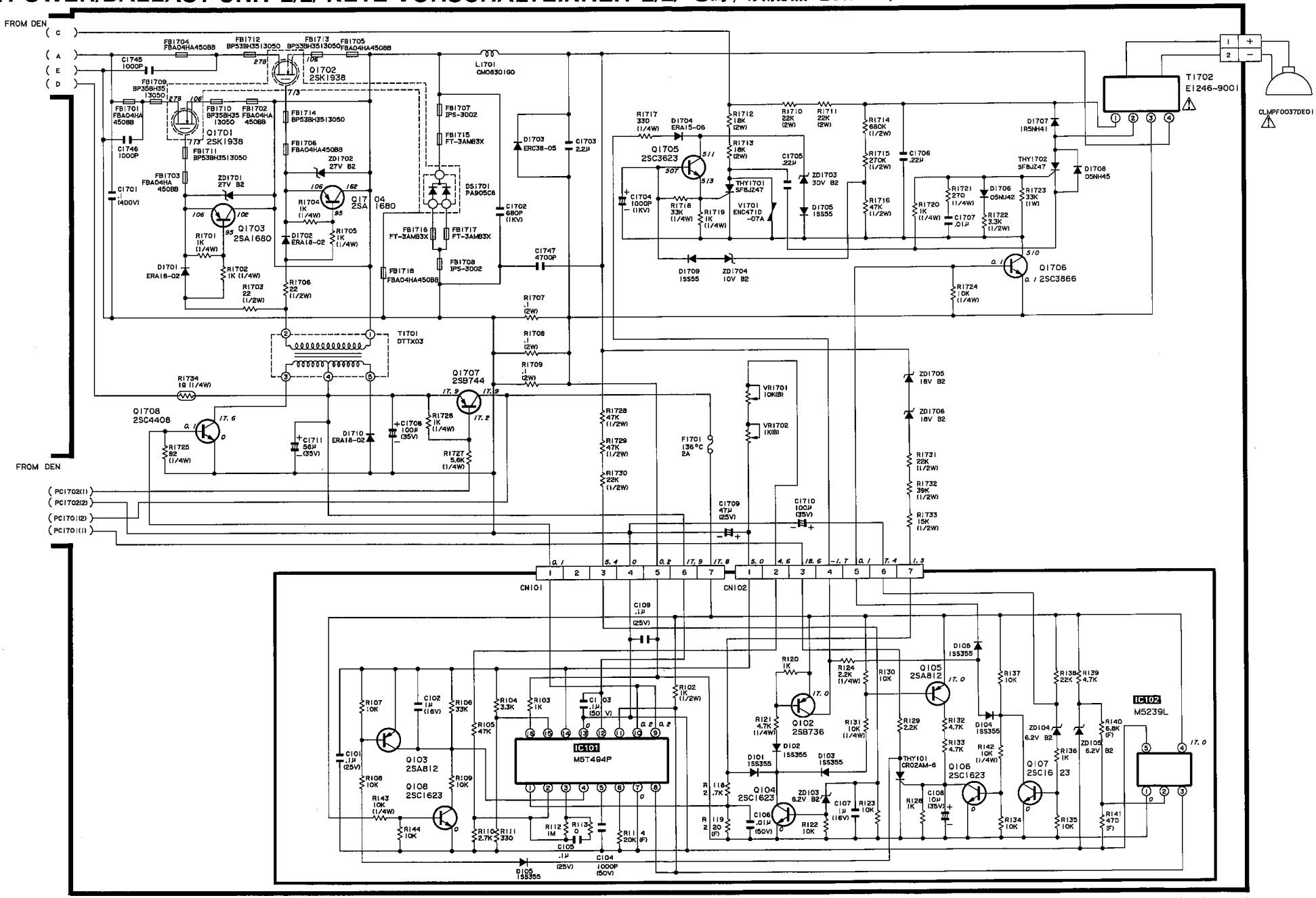
# ■ MAIN UNIT-3/3/ HAUPTEINHEIT-3/3/ 主装置电路－3/3



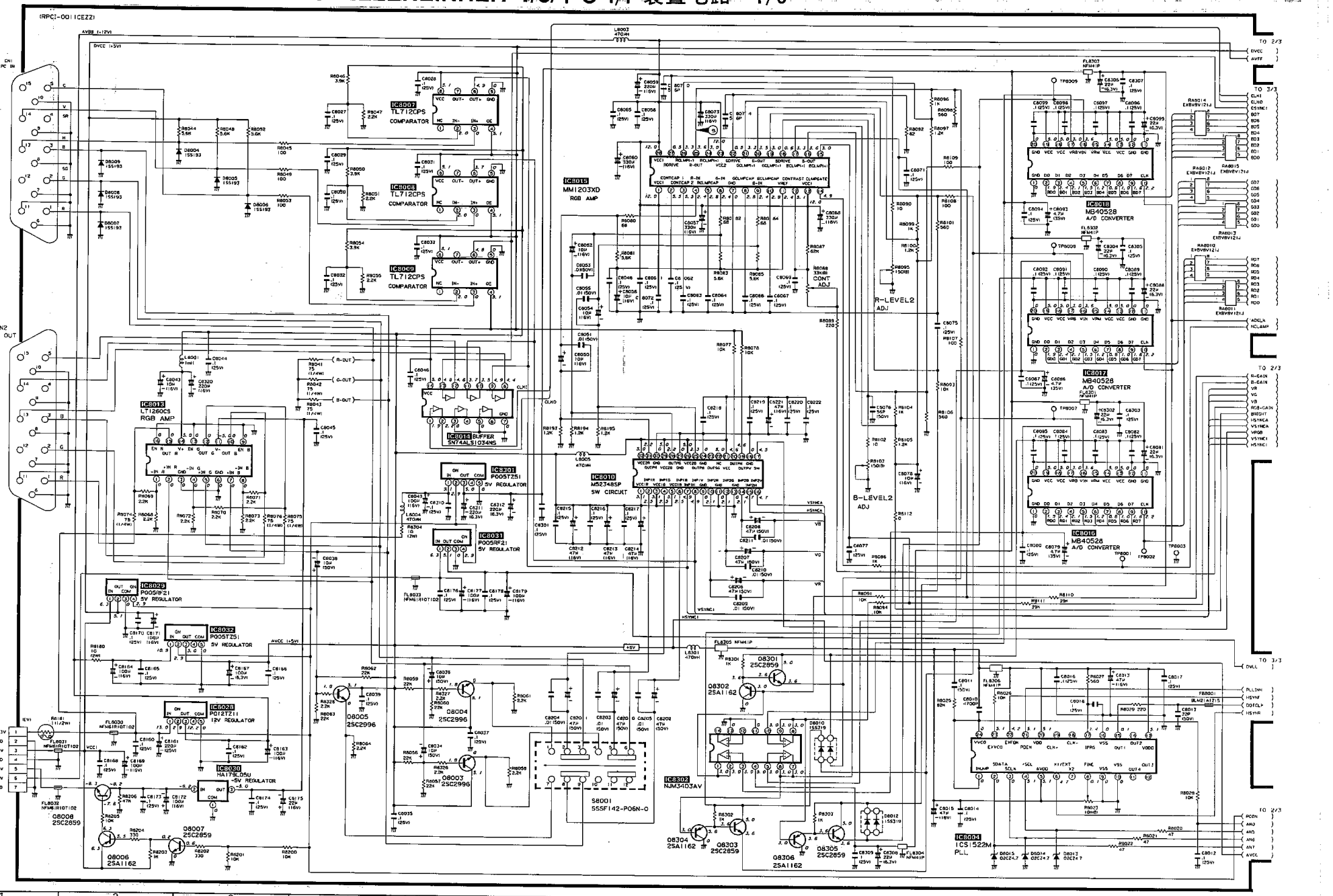
# ■ POWER/BALLAST UNIT-1/2/ NETZ-VORSCHALTEINHEIT-1/2/ 电源/镇流器电路－1/2



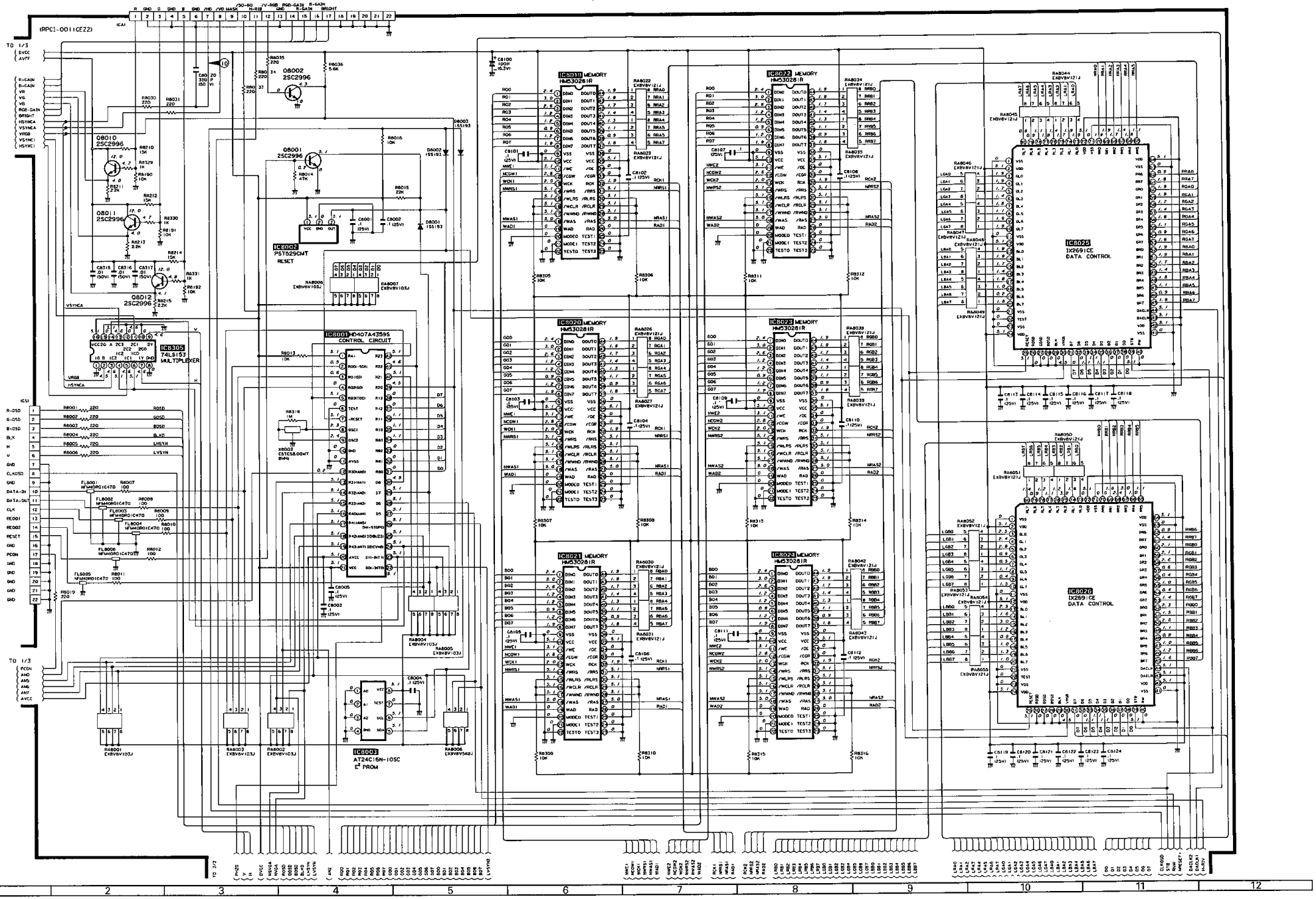
# ■ POWER/BALLAST UNIT-2/2/ NETZ-VORSCHALTEINHEIT-2/2/ 电源/镇流器电路－2/2



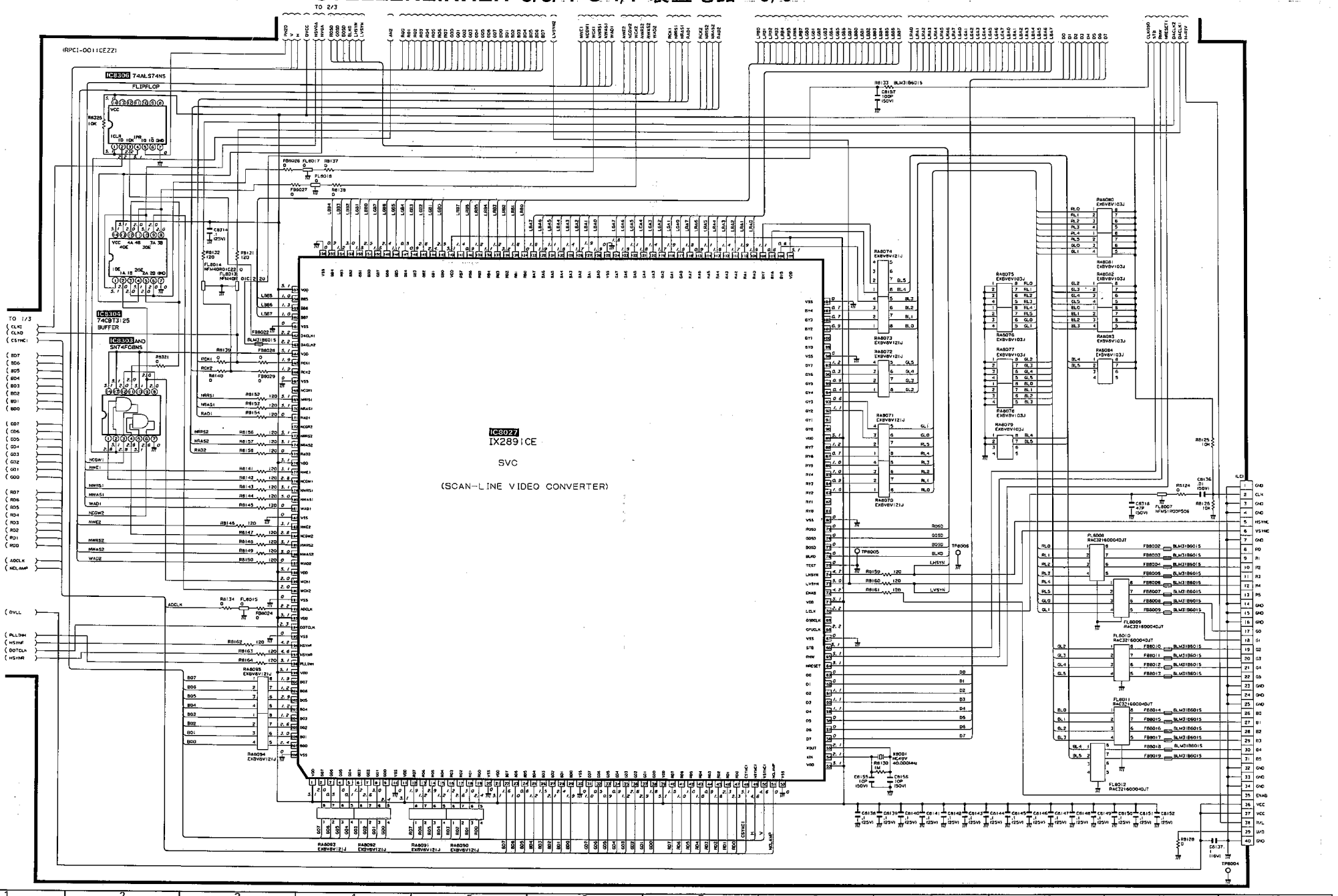
# ■ PC I/F UNIT-1/3/ PC/SCHNITTSTELLENEINHEIT-1/3/ PC I/F装置电路－1/3



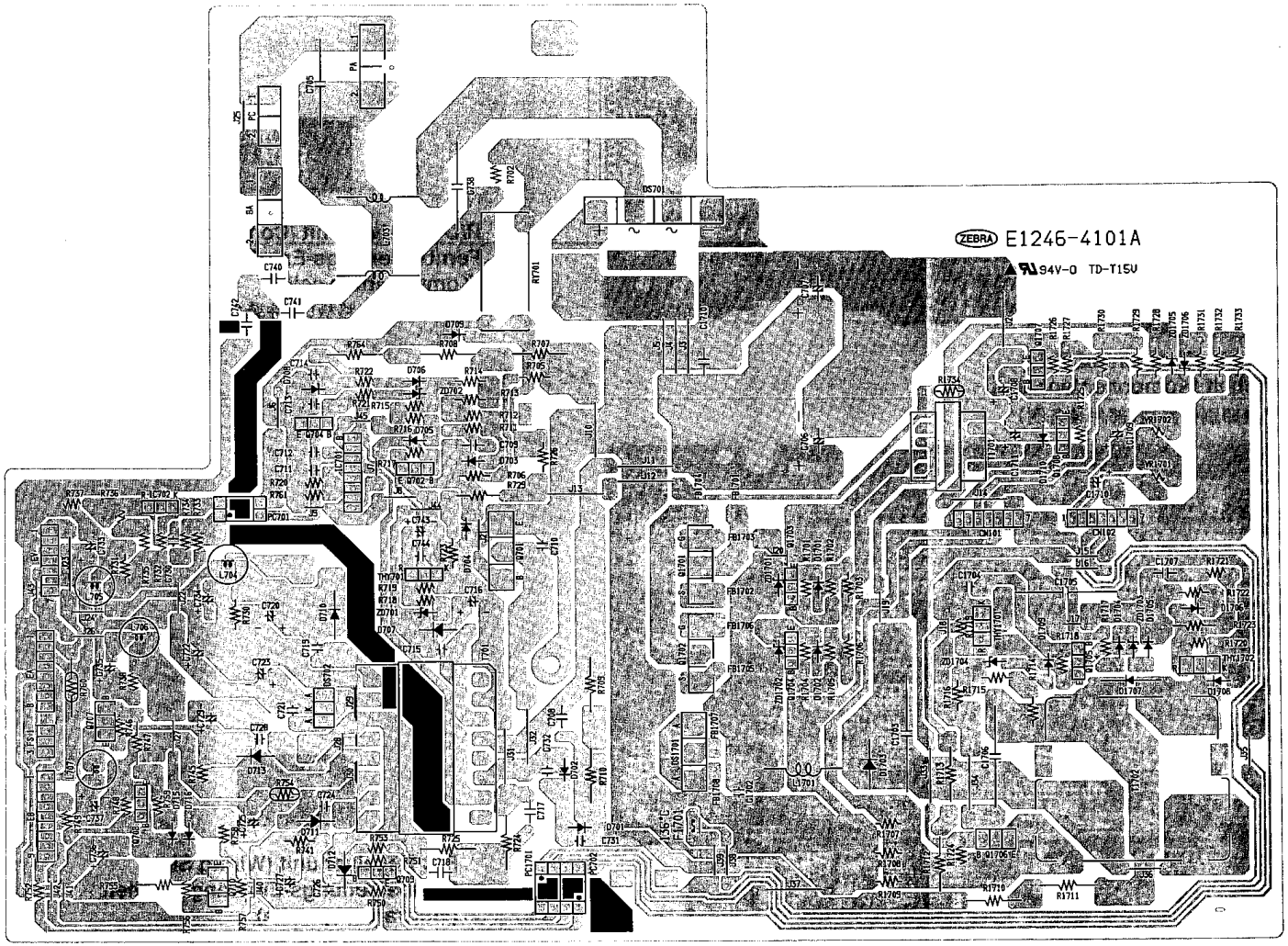
# ■ PC I/F UNIT-2/3/ PC/SCHNITTSTELLENEINHEIT-2/3/ PC I/F装置电路－2/3



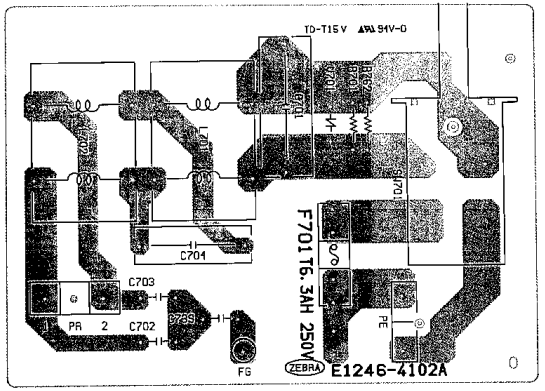
# ■ PC I/F UNIT-3/3/ PC/SCHNITTSTELLENEINHEIT-3/3/ PC I/F装置电路－3/3



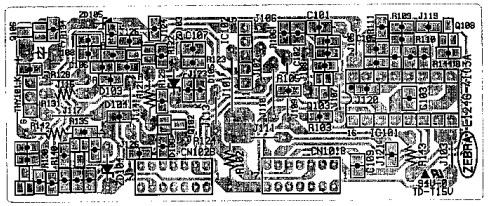
# PRINTED WIRING BOARD ASSEMBLIES/LEITERPLATTENEINHEITEN/



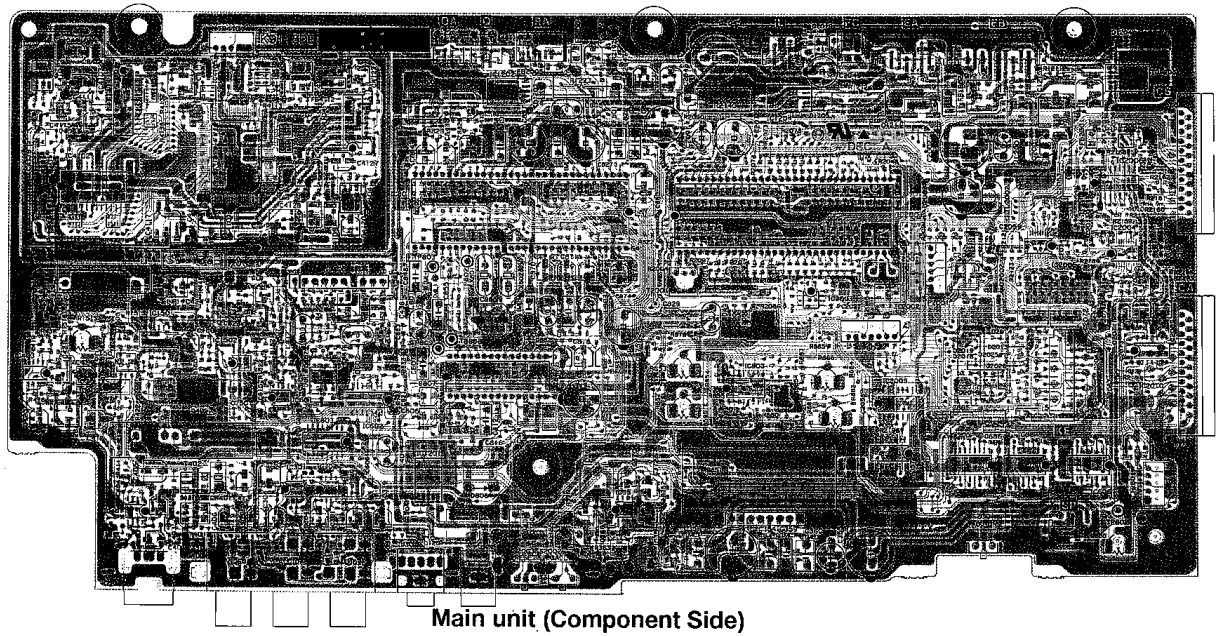

Power/Ballast unit (Wiring Side)
Netz-/Vorschalteinheit (Verdrahtugsseite)
电源/镇流器印刷电路板(线路贴置侧)



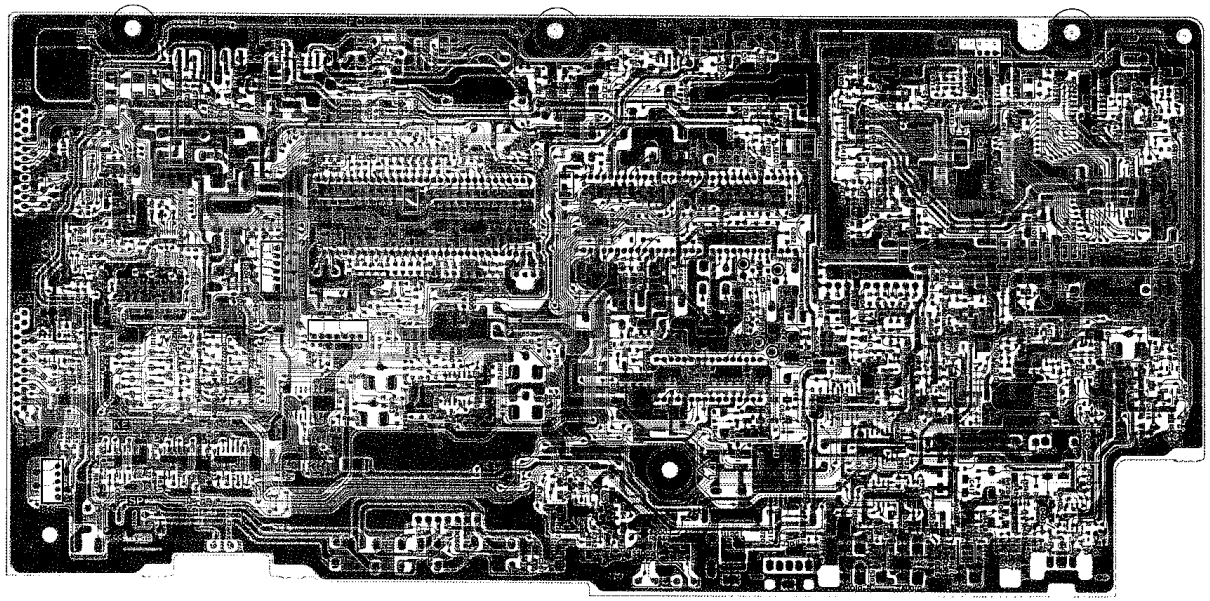

Power Switch unit (Wiring Side)
Netzschaltereinheit (Verdrahtugsseite)
电源开关装置印刷电路板(线路贴置侧)



Sub Power/Ballast unit (Wiring Side)
Hilfs-Netz-/Vorschalteinheit (Verdrahtugsseite)
辅助电源/镇流器印刷电路板(线路贴置侧)

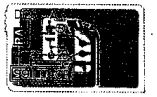


Main unit (Component Side)
Haupteinheit (Komponentenseite)
主装置印刷电路板(部件装备側)

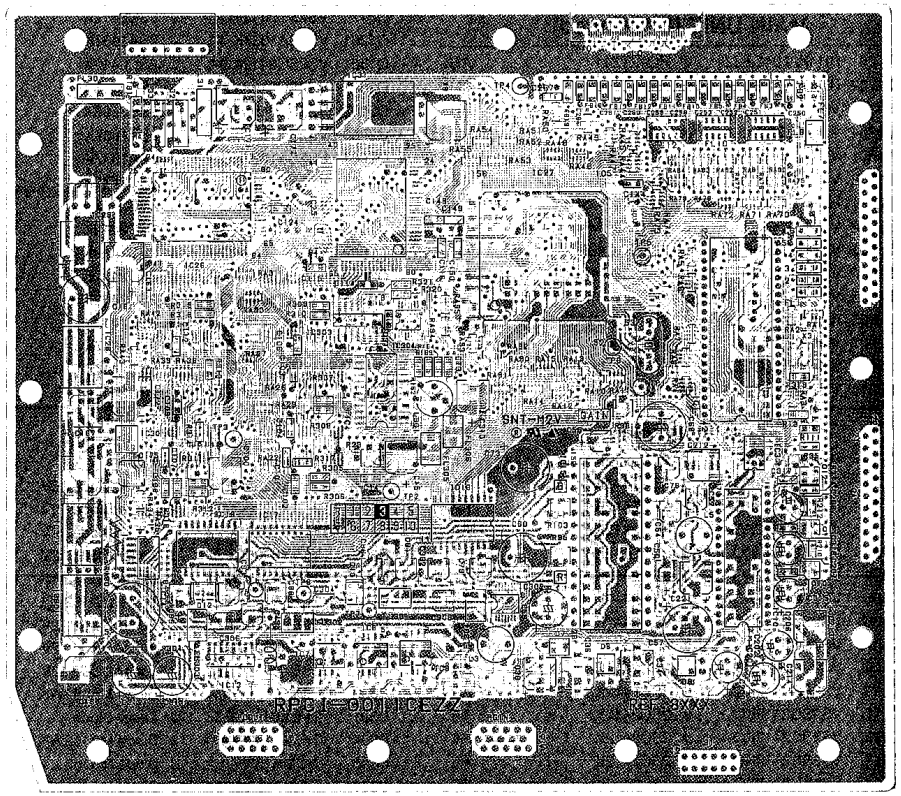


Main unit (Wiring Side)
Haupteinheit (Verdrahtungsseite)
主装置印刷电路板(线路贴置側)

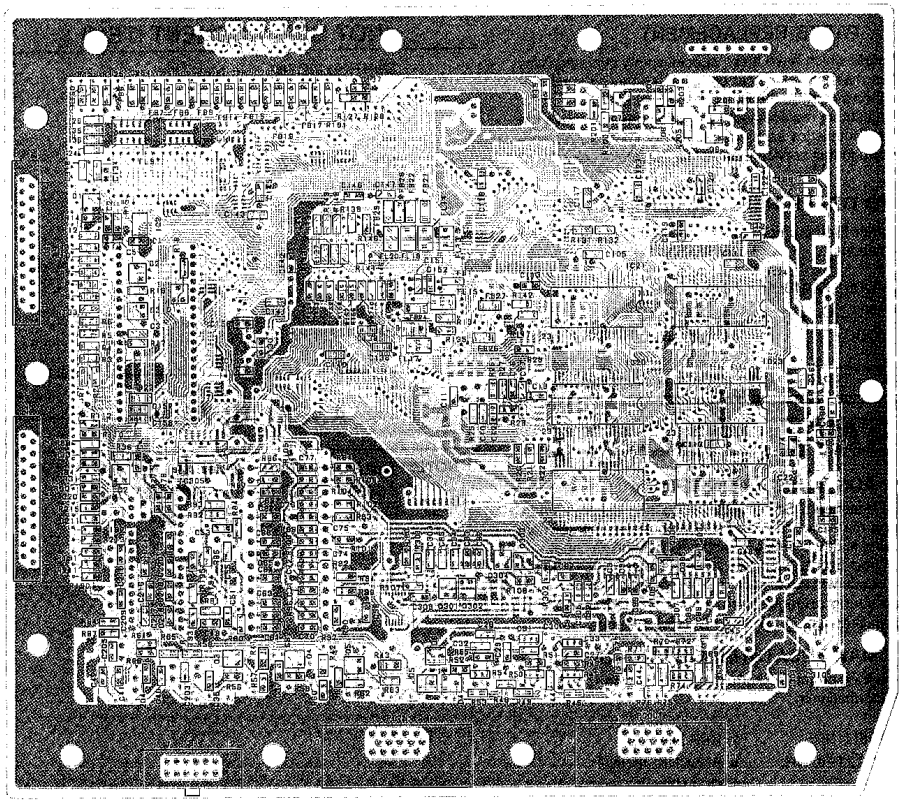
R/C Receiver unit (Component Side)
Fernbedienungs-Empfängereinheit
(Komponenten seite)
遥控器印刷电路板(部件装备側)



R/C Receiver unit (Wiring Side)
Fernbedienungs-Empfängereinheit
(Verdrahtungsseite)
遥控器印刷电路板(线路贴置側)



PC I/F unit (Component Side)
PC/Schittstelleneinheit (Komponentenseite)
PC I/F装置印刷电路板(部件装备侧)



PC I/F unit (Wiring Side)
PC/Schittstelleneinheit (Verdrahtungsseite)
PC I/F装置印刷电路板(线路贴置侧)

# PARTS LIST

## PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "⚠" in the Replacement Parts Lists.
The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

## "HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER 2. REF. NO.
3. PART NO. 4. DESCRIPTION
5. CODE 6. QUANTITY

MARK ★: SPARE PARTS-DELIVERY SECTION

# ERSATZTEILLISTE

## AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenshaften sind in den Ersatzteil durch "⚠" gekenn-zeichnet.
Der Gebrauch von Ersatzteilen, die nicht deselben Sicherheits-eigenschaften haben wie die vom Hersteller empfohlenen ud in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

## "WIE MAN ERSATSTEILE BESTELLT"

Damit Ihre Bestellung promt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

1. MODELL NR. 2. REF. NR.
3. ERSATZTEIL NR. 4. BESCHREIBUNG
5. KODE 6. QUANTITÄT

MARKIERUNG ★: ERSATZTEILE-LIEFERUNG

# 更换零件表

## 更换零件

本维修说明书对具有特别安全要求的零件均用标记加以识别；在此更换零件表中，具有特别安全要求的电路元件均用△标记以便注意识别。更换零件时，为了用户的安全以及电视机原有的工作性能，务请使用夏普规定零件。否则，可能有导致触电、火灾或其他不测事故发生的可能。

## 更换零件的订货方法

为了能迅速而确实地接受订货、以及正确无误地按时交货，在订货时请将下列各项明确告知。

1．型号 2．参考编号
3．零件编号 4．零件名称
5．代号 6．数量

附★记号为备用部件的交货部门



| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

| | | | |
|---|---|---|---|
| DUNTK9113DE02 | – | Main Unit | — |
| DUNTK9114DE02 | – | R/C Receiver Unit | — |
| RUNTK0526CEZZ | – | Power Switch Unit | — |
| RDENC0183CEZZ | – | Power/Ballast Unit | — |
| RPCi-0011CEZZ | – | PC I/F Unit | — |

## ASSEMBLY UNIT

***NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.***

| | | | | |
|---|---|---|---|---|
| RLCDP0026CEZZ | J | LCD Module Unit | | DS |

## DUNTK9113DE02 MAIN UNIT

### INTEGRATED CIRCUITS

| | | | | |
|---|---|---|---|---|
| IC301 | VHiNJM2245M-1 | J | NJM2245M | AF |
| IC302 | VHiNJM2245M-1 | J | NJM2245M | AF |
| IC351 | VHiM5222FP/-1 | J | M5222FP | AG |
| IC352 | VHiTDA1011/-1 | J | TDA1011 | AK |
| IC401 | VHiNJM2234M-1 | J | NJM2234M | AF |
| IC402 | VHiNJM2245M-1 | J | NJM2245M | AF |
| IC403 | VHiBA7655AF-1 | J | BA7655AF | AG |
| IC405 | VHiM51494L/-1 | J | M51494L | AK |
| IC601 | VHiBA7046F/-1 | J | BA7046F | AF |
| IC602 | VHiSNHC00NS-1 | J | SN74HC00NS | AC |
| IC603 | VHiTHC221AF-1 | J | TC74HC221AF | AG |
| IC605 | RH-iX2174CEZZ | J | MC74HC4538FR | AG |
| IC606 | RH-iX2174CEZZ | J | MC74HC4538FR | AG |
| IC801 | RH-iX2508CEN3 | J | TA8880CN | BA |
| IC802 | VHiTA8772AN-1 | J | TA8772AN | AV |
| IC803 | VHiMC14053F-1 | J | MC14053BFR1 | AD |

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## DUNTK9113DE02 MAIN UNIT (Continued)

| | | | | |
|---|---|---|---|---|
| IC1201 | RH-iX2204CEZZ | J | PQ12TZ11 | AG |
| IC1202 | RH-iX2204CEZZ | J | PQ12TZ11 | AG |
| IC1203 | VHiPQ05TZ11-1 | J | PQ05TZ11 | AH |
| IC1204 | VHiPQ09TZ11-1 | J | PQ09TZ11 | AH |
| IC1501 | VHiNJM2060M-1 | J | NJM2060M | AE |
| IC1502 | VHiNJM2904M-1 | J | NJM2904M | AE |
| IC2001 | RH-iX2837CEZZ | J | M37204ECSP | BB |
| IC2002 | VHiPST529CM-1 | J | PST529CMT | AE |
| IC2003 | VHiXL93L46F-1 | J | XL93LC46F | AG |
| IC2004 | VHiM62352GP-1 | J | M62352GP | AQ |
| IC2005 | VHiM62352GP-1 | J | M62352GP | AQ |
| IC2006 | RH-iX1864CEZZ | J | SN74LS174NS | AD |
| IC2007 | VHiSC7S04F/-1 | J | SC7S04F | AC |
| IC2008 | RH-iX1433CEZZ | J | TC74HC32AF | AD |
| IC2010 | VHiNJM2902M-1 | J | NJM2902M | AF |

### TRANSISTORS

| | | | | |
|---|---|---|---|---|
| Q301 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q351 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q401 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q402 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q403 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q404 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q405 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q406 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q407 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q409 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q410 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q411 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q412 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q413 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q414 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q415 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q416 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q417 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q601 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q602 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q603 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q604 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q605 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q606 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q607 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q608 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q609 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q610 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q611 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q612 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q804 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q810 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q812 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q813 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q814 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q815 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q816 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q817 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q1201 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q1501 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2001 | VS2SC3198-G-1 | J | 2SC3198-G | AA |
| Q2002 | VS2SC3198-G-1 | J | 2SC3198-G | AA |
| Q2003 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q2004 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q2005 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2007 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2008 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2009 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2010 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2011 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2012 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2013 | VS2SA1037KQ-1 | J | 2SA1037K | AA |
| Q2015 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2018 | VS2SC2412KQ-1 | J | 2SC2412K | AA |
| Q2019 | VSFMS1////-1 | J | FMS1A | AC |

### DIODES

| | | | | |
|---|---|---|---|---|
| D301 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D303 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D304 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D305 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D351 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D401 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D402 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D403 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D404 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D602 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D801 | RH-EX0497CEZZ | J | Zener Diode | AC |
| D804 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D805 | VHDMA153///-1 | J | Diode MA153 | AB |
| D806 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D808 | RH-EX0294CEZZ | J | Zener Diode 5.1V | AA |
| D1201 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D1202 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D1203 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D1204 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D1205 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D1501 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2001 | RH-EX0515CEZZ | J | Zener Diode | AB |
| D2002 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2003 | RH-EX0515CEZZ | J | Zener Diode | AB |
| D2004 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2005 | RH-EX0516CEZZ | J | Zener Diode | AB |
| D2006 | RH-EX0226CEZZ | J | Zener Diode 12V | AB |
| D2008 | RH-EX0516CEZZ | J | Zener Diode | AB |
| D2011 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2013 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2014 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2015 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2016 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2017 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2018 | VHDMA152WK/-1 | J | Diode MA152WK | AA |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| D2019 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2020 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2021 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2022 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2023 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2025 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2026 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2027 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2028 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2029 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2030 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2035 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2036 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2037 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2038 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2041 | RH-EX0516CEZZ | J | Zener Diode | AB |
| D2042 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2043 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2044 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2045 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2046 | RH-EX0251CEZZ | J | Zener Diode | AB |
| D2047 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2049 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2050 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2051 | VHDMA153///-1 | J | Diode MA153 | AB |
| D2052 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2053 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2054 | VHDMA152WK/-1 | J | Diode MA152WK | AA |
| D2055 | RH-EX0516CEZZ | J | Zener Diode | AB |

### PACKAGED CIRCUITS

| | | | | |
|---|---|---|---|---|
| X801 | RCRSB0002CEZZ | J | Crystal 4.43 MHz | AM |
| X802 | RCRSB0069CEZZ | J | Crystal 3.58 MHz | AG |

### COIL AND TRANSFORMERS

| | | | | |
|---|---|---|---|---|
| CF401 | RFiLC0286CEZZ | J | Ceramic Filter | AE |
| CF801 | RFiLA0034CEZZ | J | Ceramic Filter | AD |
| CF2001 | RFiLC0112GEZZ | J | Ceramic Filter | AC |
| DL401 | RCiLZ0914CEZZ | J | Delay Line Coil | AS |
| DL402 | RCiLZ0899CEZZ | J | Delay Line Coil | AN |
| L401 | VP-MK470K0000 | J | Peaking 47µH | AB |
| L411 | VP-MK680K0000 | J | Peaking 68µH | AB |
| L412 | VP-MK560K0000 | J | Peaking 56µH | AB |
| L801 | VP-MK120K0000 | J | Peaking 12µH | AB |
| L802 | VP-MK180K0000 | J | Peaking 18µH | AB |
| L803 | VP-MK270K0000 | J | Peaking 27µH | AB |
| L804 | VP-MK220K0000 | J | Peaking 22µH | AB |
| L805 | VP-MK220K0000 | J | Peaking 22µH | AB |
| L2001 | VP-MK100K0000 | J | Peaking 10µH | AB |
| L2002 | VP-MK100K0000 | J | Peaking 10µH | AB |
| T401 | RCiLi0596CEZZ | J | IF Coil | AG |
| T402 | RCiLi0595CEZZ | J | IF Coil | AG |

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

### CONTROLS

| | | | | | |
|---|---|---|---|---|---|
| R655 | RVR-M4262CEZZ | J | 220(B) | . | AD |
| R853 | RVR-M4266CEZZ | J | 1k(B) | Blue Sub-Contrast | AC |
| R858 | RVR-M4266CEZZ | J | 1k(B) | Red Sub-Contrast | AC |
| R1515 | RVR-M4277CEZZ | J | 68k(B) | AGC | AD |

### CAPACITORS

| | | | | | | |
|---|---|---|---|---|---|---|
| C301 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C302 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C303 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C304 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C305 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C307 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C319 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C320 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C351 | VCEAPF1CW226M | J | 22 | 16V | Electrolytic | AB |
| C352 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C353 | VCEAGA1EW108M | J | 1000 | 25V | Electrolytic | AD |
| C354 | VCFYFA1HA154J | J | 0.15 | 50V | M. Polyester | AC |
| C355 | VCEAGA1EW107M | J | 100 | 25V | Electrolytic | AD |
| C356 | VCQYTA1HM104J | J | 0.1 | 50V | Mylar | AA |
| C357 | VCEAGA1EW108M | J | 1000 | 25V | Electrolytic | AD |
| C358 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C359 | VCQYTA1HM332J | J | 3300p | 50V | Mylar | AA |
| C360 | VCQYTA1HM104J | J | 0.1 | 50V | Mylar | AA |
| C361 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C362 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C363 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C364 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C365 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C366 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C367 | VCCCTV1HH561J | J | 560p | 50V | Ceramic | AA |
| C368 | VCQYTA1HM273J | J | 0.027 | 50V | Mylar | AB |
| C370 | VCEAPF1HW104M | J | 0.1 | 50V | Electrolytic | AB |
| C371 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C372 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C401 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C402 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C403 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C404 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C405 | VCEAPF1CW226M | J | 22 | 16V | Electrolytic | AB |
| C406 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C407 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C408 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C409 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C410 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C411 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C412 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C413 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C414 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C415 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C416 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C417 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C418 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C419 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C420 | VCEAPF1EW475M | J | 4.7 | 25V | Electrolytic | AB |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | | | Code |
|---|---|---|---|---|---|---|
| C421 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C422 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C423 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C424 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C425 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C426 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C428 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C430 | VCCCTV1HH560J | J | 56p | 50V | Ceramic | AA |
| C431 | VCCCTV1HH820J | J | 82p | 50V | Ceramic | AA |
| C432 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C433 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C434 | VCCCTV1HH331J | J | 330p | 50V | Ceramic | AA |
| C435 | VCCCTV1HH680J | J | 68p | 50V | Ceramic | AA |
| C436 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C437 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C438 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C441 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C442 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C444 | VCEAPF1CW226M | J | 22 | 16V | Electrolytic | AB |
| C601 | VCKYTV1CF105Z | J | 1 | 16V | Ceramic | AB |
| C602 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C603 | VCCCTV1HH220J | J | 22p | 50V | Ceramic | AA |
| C604 | VCE9PF1CW226M | J | 22 | 16V | Elect. (N.P) | AD |
| C605 | VCCCTV1HH221J | J | 220p | 50V | Ceramic | AA |
| C606 | VCCCTV1HH821J | J | 820p | 50V | Ceramic | AB |
| C607 | VCQYTA1HM183J | J | 0.018 | 50V | Mylar | AB |
| C608 | VCKYTV1CF105Z | J | 1 | 16V | Ceramic | AB |
| C609 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C610 | VCKYTV1HF223Z | J | 0.022 | 50V | Ceramic | AA |
| C613 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C614 | VCCCTV1HH561J | J | 560p | 50V | Ceramic | AA |
| C615 | VCCCTV1HH102J | J | 1000p | 50V | Ceramic | AA |
| C616 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C617 | VCCCTV1HH102J | J | 1000p | 50V | Ceramic | AA |
| C618 | VCCCTV1HH102J | J | 1000p | 50V | Ceramic | AA |
| C619 | VCEAPF0JW107M | J | 100 | 6.3V | Electrolytic | AC |
| C621 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C622 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C623 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C624 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C625 | VCKYTV1HB222K | J | 2200p | 50V | Ceramic | AA |
| C626 | VCCUTV1HJ121J | J | 120p | 50V | Ceramic | AB |
| C801 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C802 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C803 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C804 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C805 | VCEAGA1CW477M | J | 470 | 16V | Electrolytic | AC |
| C806 | VCEAPF1HW474M | J | 0.47 | 50V | Electrolytic | AB |
| C807 | VCEAPF1HW474M | J | 0.47 | 50V | Electrolytic | AB |
| C808 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C809 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C810 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C811 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C812 | VCQYTA1HM104J | J | 0.1 | 50V | Mylar | AA |
| C813 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C814 | VCE9PF1HW474M | J | 0.47 | 50V | Elect. (N.P) | AD |
| C815 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C816 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C817 | VCEAPF1HW225M | J | 2.2 | 50V | Electrolytic | AB |
| C818 | VCEAPF1HW225M | J | 2.2 | 50V | Electrolytic | AB |
| C819 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C820 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C821 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C822 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C823 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C824 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C825 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C826 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C827 | VCKYTV1HB562K | J | 5600p | 50V | Ceramic | AA |
| C828 | VCQYTA1HM103J | J | 0.01 | 50V | Mylar | AA |
| C829 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C831 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C832 | VCEAGA1CW477M | J | 470 | 16V | Electrolytic | AC |
| C833 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C834 | VCQYTA1HM103J | J | 0.01 | 50V | Mylar | AA |
| C835 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C836 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C837 | VCEAGA1CW477M | J | 470 | 16V | Electrolytic | AC |
| C838 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C839 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C840 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C841 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C842 | VCQYTA1HM103J | J | 0.01 | 50V | Mylar | AA |
| C843 | VCEAPF1HW225M | J | 2.2 | 50V | Electrolytic | AB |
| C844 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C845 | VCCCTV1HH820J | J | 82p | 50V | Ceramic | AA |
| C846 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C847 | VCCCTV1HH820J | J | 82p | 50V | Ceramic | AA |
| C848 | VCQYTA1HM223J | J | 0.022 | 50V | Mylar | AA |
| C849 | VCCCTV1HH470J | J | 47p | 50V | Ceramic | AA |
| C850 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C852 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C853 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C854 | VCEAGA1CW477M | J | 470 | 16V | Electrolytic | AC |
| C855 | VCEAPF1EW475M | J | 4.7 | 25V | Electrolytic | AB |
| C856 | VCQYTA1HM223J | J | 0.022 | 50V | Mylar | AA |
| C857 | VCCCTV1HH120J | J | 12p | 50V | Ceramic | AA |
| C858 | VCCCTV1HH100D | J | 10p | 50V | Ceramic | AA |
| C859 | VCQYTA1HM223J | J | 0.022 | 50V | Mylar | AA |
| C860 | VCCCTV1HH270J | J | 27p | 50V | Ceramic | AA |
| C861 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C862 | VCCCTV1HH220J | J | 22p | 50V | Ceramic | AA |
| C863 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C864 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C865 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C866 | VCQYTA1HM104J | J | 0.1 | 50V | Mylar | AA |
| C867 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C868 | VCCCTV1HH470J | J | 47p | 50V | Ceramic | AA |
| C869 | VCCCTV1HH270J | J | 27p | 50V | Ceramic | AA |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | | | Code |
|---|---|---|---|---|---|---|
| C870 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C871 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C872 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C873 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C874 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C875 | VCEAGA1CW477M | J | 470 | 16V | Electrolytic | AC |
| C876 | VCEAPF1CW106M | J | 10 | 16V | Electrolytic | AB |
| C878 | VCKYTV1HF224Z | J | 0.22 | 50V | Ceramic | AC |
| C880 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C882 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C883 | VCCCTV1HH220J | J | 22p | 50V | Ceramic | AA |
| C884 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C885 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C886 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C887 | VCE9PF1CW106M | J | 10 | 16V | Elect. (N.P) | AC |
| C889 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C890 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C891 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C892 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C1201 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C1210 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C1211 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C1212 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C1213 | VCEAPF0JW107M | J | 100 | 6.3V | Electrolytic | AC |
| C1215 | VCEAPK1CN107M | J | 100 | 16V | Electrolytic | AD |
| C1216 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C1217 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1218 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1219 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1220 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1221 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1501 | VCE9PF1HW105M | J | 1.0 | 50V | Elect. (N.P) | AC |
| C1502 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C1503 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C1504 | VCEAPF1HW225M | J | 2.2 | 50V | Electrolytic | AB |
| C1505 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1506 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C1507 | VCEAPF1HW225M | J | 2.2 | 50V | Electrolytic | AB |
| C1508 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2001 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C2002 | VCEAGA0JW228M | J | 2200 | 6.3V | Electrolytic | AD |
| C2003 | VCEAGA0JW477M | J | 470 | 6.3V | Electrolytic | AB |
| C2004 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2005 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2006 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2007 | VCCCTV1HH681J | J | 680p | 50V | Ceramic | AB |
| C2008 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2009 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2010 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2011 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2012 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2013 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2014 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2015 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2016 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2017 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2018 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2019 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2020 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2022 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2026 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2027 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2028 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2029 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2030 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2031 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2032 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2033 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2034 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2035 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2036 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2037 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2038 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2039 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2040 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2041 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2042 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2043 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2044 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2045 | VCEAGA1CW228M | J | 2200 | 16V | Electrolytic | AE |
| C2047 | VCEAPF1CW226M | J | 22 | 16V | Electrolytic | AB |
| C2048 | VCEAPF1CW226M | J | 22 | 16V | Electrolytic | AB |
| C2049 | VCEAGA1CW227M | J | 220 | 16V | Electrolytic | AC |
| C2053 | VCEAPF0JW107M | J | 100 | 6.3V | Electrolytic | AC |
| C2054 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2055 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2056 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2057 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2059 | VCEAPF0JW107M | J | 100 | 6.3V | Electrolytic | AC |
| C2060 | VCEAPF1CW476M | J | 47 | 16V | Electrolytic | AC |
| C2061 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2062 | VCCCTV1HH101J | J | 100p | 50V | Ceramic | AA |
| C2063 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2064 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2065 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2066 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2068 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2069 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C2070 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C2071 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C2072 | VCEAPF1HW105M | J | 1 | 50V | Electrolytic | AB |
| C2073 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2074 | VCKYTV1EF104Z | J | 0.1 | 25V | Ceramic | AB |
| C2075 | VCKYTV1HB102K | J | 1000p | 50V | Ceramic | AA |
| C2076 | VCEAGA0JW477M | J | 470 | 6.3V | Electrolytic | AB |
| C2077 | VCCCTV1HH121J | J | 120p | 50V | Ceramic | AA |
| C2080 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2081 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2088 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | | | Code |
|---|---|---|---|---|---|---|
| C2089 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2090 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2091 | VCEAGA1CW106M | J | 10 | 16V | Electrolytic | AA |
| C2093 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2094 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2095 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2096 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2097 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |
| C2098 | VCKYTV1HB103K | J | 0.01 | 50V | Ceramic | AA |

### RESISTORS

| | | | | | | |
|---|---|---|---|---|---|---|
| R301 | VRS-TV1JD681J | J | 680 | 1/10W | Metal Oxide | AA |
| R302 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R303 | VRS-TV1JD105J | J | 1M | 1/10W | Metal Oxide | AA |
| R304 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R308 | VRS-TV1JD683J | J | 68k | 1/10W | Metal Oxide | AA |
| R309 | VRS-TV1JD683J | J | 68k | 1/10W | Metal Oxide | AA |
| R310 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R314 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R315 | VRS-TV1JD681J | J | 680 | 1/10W | Metal Oxide | AA |
| R316 | VRS-TV1JD105J | J | 1M | 1/10W | Metal Oxide | AA |
| R317 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R318 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R319 | VRS-TV1JD683J | J | 68k | 1/10W | Metal Oxide | AA |
| R320 | VRS-TV1JD683J | J | 68k | 1/10W | Metal Oxide | AA |
| R321 | VRS-TV1JD122J | J | 1.2k | 1/10W | Metal Oxide | AA |
| R351 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R352 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |
| R353 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |
| R354 | VRN-TV1JD393D | J | 39k | 1/10W | Metal Film | AB |
| R355 | VRN-TV1JD272D | J | 2.7k | 1/10W | Metal Film | AA |
| R356 | VRN-TV1JD473D | J | 47k | 1/10W | Metal Film | AB |
| R357 | VRS-TV1JD4R7J | J | 4.7 | 1/10W | Metal Oxide | AA |
| R358 | VRS-TV1JD334J | J | 330k | 1/10W | Metal Oxide | AA |
| R359 | VRS-TV1JD123J | J | 12k | 1/10W | Metal Oxide | AA |
| R360 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R361 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R362 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R363 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R364 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R365 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R367 | VRS-TV1JD224J | J | 220k | 1/10W | Metal Oxide | AA |
| R368 | VRS-TX2HF1R0J | J | 1 | 1/2W | Metal Oxide | AA |
| R370 | VRS-TV1JD471J | J | 470 | 1/10W | Metal Oxide | AA |
| R401 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |
| R402 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |
| R403 | VRS-TV1JD750J | J | 75 | 1/10W | Metal Oxide | AA |
| R404 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R405 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R406 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R407 | VRS-TV1JD271J | J | 270 | 1/10W | Metal Oxide | AA |
| R408 | VRS-TV1JD151J | J | 150 | 1/10W | Metal Oxide | AA |
| R409 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R410 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R411 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R412 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R414 | VRS-TV1JD750J | J | 75 | 1/10W | Metal Oxide | AA |
| R415 | VRS-TV1JD1R0J | J | 1 | 1/10W | Metal Oxide | AA |
| R416 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R417 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R418 | VRS-TW2ED750J | J | 75 | 1/4W | Metal Oxide | AA |
| R419 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R420 | VRS-TV1JD471J | J | 470 | 1/10W | Metal Oxide | AA |
| R421 | VRS-TV1JD221J | J | 220 | 1/10W | Metal Oxide | AA |
| R422 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R423 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R424 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R425 | VRS-TV1JD273J | J | 27k | 1/10W | Metal Oxide | AA |
| R426 | VRS-TV1JD273J | J | 27k | 1/10W | Metal Oxide | AA |
| R427 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R429 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R430 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R431 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R432 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R433 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R434 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R435 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R436 | VRS-TV1JD393J | J | 39k | 1/10W | Metal Oxide | AA |
| R437 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R438 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R439 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R441 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R442 | VRS-TV1JD821J | J | 820 | 1/10W | Metal Oxide | AA |
| R443 | VRS-TV1JD821J | J | 820 | 1/10W | Metal Oxide | AA |
| R444 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R445 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R446 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R447 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R451 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R452 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R453 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R454 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R455 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R456 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R457 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R458 | VRS-TV1JD562J | J | 5.6k | 1/10W | Metal Oxide | AA |
| R459 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R460 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R461 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R462 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R463 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R464 | VRS-TV1JD472J | J | 4.7k | 1/10W | Metal Oxide | AA |
| R465 | VRS-TV1JD682J | J | 6.8k | 1/10W | Metal Oxide | AA |
| R466 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R468 | VRS-TV1JD392J | J | 3.9k | 1/10W | Metal Oxide | AA |
| R469 | VRS-TV1JD681J | J | 680 | 1/10W | Metal Oxide | AA |
| R470 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R471 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R472 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | | | Code |
|---|---|---|---|---|---|---|
| R473 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R474 | VRS-TV1JD681J | J | 680 | 1/10W | Metal Oxide | AA |
| R475 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R476 | VRS-TV1JD122J | J | 1.2k | 1/10W | Metal Oxide | AA |
| R477 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R478 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R601 | VRS-TV1JD561J | J | 560 | 1/10W | Metal Oxide | AA |
| R602 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R603 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R604 | VRS-TV1JD562J | J | 5.6k | 1/10W | Metal Oxide | AA |
| R605 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R606 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R607 | VRS-TV1JD122J | J | 1.2k | 1/10W | Metal Oxide | AA |
| R608 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R610 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R611 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R612 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R613 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R614 | VRS-TV1JD394J | J | 390k | 1/10W | Metal Oxide | AA |
| R615 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R616 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R617 | VRS-TV1JD331J | J | 330 | 1/10W | Metal Oxide | AA |
| R618 | VRS-TV1JD474J | J | 470k | 1/10W | Metal Oxide | AA |
| R619 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R620 | VRN-TV1JD223D | J | 22k | 1/10W | Metal Film | AB |
| R621 | VRN-TV1JD473D | J | 47k | 1/10W | Metal Film | AB |
| R622 | VRS-TV1JD333J | J | 33k | 1/10W | Metal Oxide | AA |
| R623 | VRS-TV1JD123J | J | 12k | 1/10W | Metal Oxide | AA |
| R624 | VRS-TV1JD123J | J | 12k | 1/10W | Metal Oxide | AA |
| R633 | VRN-TV1JD183D | J | 18k | 1/10W | Metal Film | AA |
| R634 | VRN-TV1JD103D | J | 10k | 1/10W | Metal Film | AB |
| R636 | VRN-TV1JD562D | J | 5.6k | 1/10W | Metal Film | AA |
| R637 | VRN-TV1JD113D | J | 11k | 1/10W | Metal Film | AB |
| R639 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R640 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R641 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R642 | VRS-TV1JD681J | J | 680 | 1/10W | Metal Oxide | AA |
| R643 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R644 | VRS-TV1JD153J | J | 15k | 1/10W | Metal Oxide | AA |
| R645 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R646 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R647 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R648 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R649 | VRS-TV1JD682J | J | 6.8k | 1/10W | Metal Oxide | AA |
| R650 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R651 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R652 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R653 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R654 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R655 | *See Controls* | | | | | |
| R656 | VRS-TV1JD155J | J | 1.5M | 1/10W | Metal Oxide | AA |
| R803 | VRS-TV1JD225J | J | 2.2M | 1/10W | Metal Oxide | AA |
| R806 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R807 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R808 | VRS-TX2HF121J | J | 120 | 1/2W | Metal Oxide | AB |
| R809 | VRS-TV1JD395J | J | 3.9M | 1/10W | Metal Oxide | AA |
| R810 | VRS-TV1JD472J | J | 4.7k | 1/10W | Metal Oxide | AA |
| R811 | VRS-TV1JD331J | J | 330 | 1/10W | Metal Oxide | AA |
| R812 | VRS-TX2HF101J | J | 100 | 1/2W | Metal Oxide | AA |
| R813 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R814 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R815 | VRS-TV1JD822J | J | 8.2k | 1/10W | Metal Oxide | AA |
| R818 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R819 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R820 | VRS-TV1JD824J | J | 820k | 1/10W | Metal Oxide | AA |
| R821 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R822 | VRS-TV1JD392J | J | 3.9k | 1/10W | Metal Oxide | AA |
| R823 | VRS-TV1JD682J | J | 6.8k | 1/10W | Metal Oxide | AA |
| R824 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R825 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R827 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R828 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R829 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R830 | VRS-TV1JD394J | J | 390k | 1/10W | Metal Oxide | AA |
| R831 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R832 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R833 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R834 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R835 | VRS-TV1JD221J | J | 220 | 1/10W | Metal Oxide | AA |
| R836 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R837 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R838 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R839 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R840 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R841 | VRS-TV1JD122J | J | 1.2k | 1/10W | Metal Oxide | AA |
| R842 | VRS-TV1JD821J | J | 820 | 1/10W | Metal Oxide | AA |
| R843 | VRS-TV1JD474J | J | 470k | 1/10W | Metal Oxide | AA |
| R844 | VRS-TV1JD474J | J | 470k | 1/10W | Metal Oxide | AA |
| R845 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R846 | VRS-TV1JD225J | J | 2.2M | 1/10W | Metal Oxide | AA |
| R847 | VRS-TV1JD392J | J | 3.9k | 1/10W | Metal Oxide | AA |
| R848 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R849 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R850 | VRS-TV1JD224J | J | 220k | 1/10W | Metal Oxide | AA |
| R851 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R852 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R853 | *See Controls* | | | | | |
| R854 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R855 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R856 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R857 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R858 | *See Controls* | | | | | |
| R859 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R861 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R864 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R867 | VRS-TV1JD332J | J | 3.3k | 1/10W | Metal Oxide | AA |
| R868 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R869 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R870 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |

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## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| R871 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R872 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R873 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R875 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R876 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R877 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R878 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R879 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R880 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R882 | VRS-TV1JD000J | J 0 1/10W | Metal Oxide | AA |
| R884 | VRS-TV1JD000J | J 0 1/10W | Metal Oxide | AA |
| R885 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R886 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R887 | VRS-TV1JD562J | J 5.6k 1/10W | Metal Oxide | AA |
| R888 | VRS-TV1JD512F | J 5.1k 1/10W | Metal Oxide | AA |
| R889 | VRS-TV1JD332F | J 3.3k 1/10W | Metal Oxide | AA |
| R890 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R891 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R1201 | VRS-TX2HF5R6J | J 5.6 1/2W | Metal Oxide | AA |
| R1202 | VRS-TX2HF6R8J | J 6.8 1/2W | Metal Oxide | AA |
| R1203 | VRS-TV1JD392J | J 3.9k 1/10W | Metal Oxide | AA |
| R1204 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1205 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1210 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1211 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1212 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1213 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R1220 | VRS-TX2HF180J | J 18 1/2W | Metal Oxide | AS |
| R1221 | VRS-TX2HF180J | J 18 1/2W | Metal Oxide | AS |
| R1222 | VRN-VV3LB4R7J | J 4.7 3.0W | Metal Film | AC |
| R1223 | VRS-VV3LB1R0J | J 1 3W | Metal Oxide | AB |
| R1224 | VRS-TV1JD272J | J 2.7k 1/10W | Metal Oxide | AA |
| R1225 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R1501 | VRS-TV1JD472J | J 4.7k 1/10W | Metal Oxide | AA |
| R1502 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1503 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1504 | VRS-TV1JD104J | J 100k 1/10W | Metal Oxide | AA |
| R1505 | VRS-TV1JD333J | J 33k 1/10W | Metal Oxide | AA |
| R1506 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R1507 | VRS-TV1JD154J | J 150k 1/10W | Metal Oxide | AA |
| R1508 | VRS-TV1JD104J | J 100k 1/10W | Metal Oxide | AA |
| R1511 | VRS-TV1JD101J | J 100 1/10W | Metal Oxide | AA |
| R1512 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1513 | VRS-TV1JD393J | J 39k 1/10W | Metal Oxide | AA |
| R1514 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R1515 | *See Controls* | | | |
| R1516 | VRS-TV1JD333J | J 33k 1/10W | Metal Oxide | AA |
| R1517 | VRS-TV1JD473J | J 47k 1/10W | Metal Oxide | AA |
| R2001 | VRS-TX2HF681J | J 680 1/2W | Metal Oxide | AA |
| R2002 | VRS-TX2HF681J | J 680 1/2W | Metal Oxide | AA |
| R2003 | VRS-TX2HF5R6J | J 5.6 1/2W | Metal Oxide | AA |
| R2004 | VRS-TV1JD101J | J 100 1/10W | Metal Oxide | AA |
| R2005 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R2006 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R2007 | VRN-TV1JD103D | J 10k 1/10W | Metal Film | AB |
| R2008 | VRN-TV1JD103D | J 10k 1/10W | Metal Film | AB |
| R2009 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2010 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2011 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2012 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2013 | VRS-TV1JD123J | J 12k 1/10W | Metal Oxide | AA |
| R2014 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2015 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2016 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2017 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2018 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2019 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2020 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2021 | VRS-TV1JD123J | J 12k 1/10W | Metal Oxide | AA |
| R2022 | VRS-TV1JD103J | J 10k 1/10W | Metal Oxide | AA |
| R2024 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2025 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2026 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2027 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2028 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2029 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2030 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2031 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2032 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2033 | VRS-TV1JD682J | J 6.8k 1/10W | Metal Oxide | AA |
| R2034 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2035 | VRS-TV1JD682J | J 6.8k 1/10W | Metal Oxide | AA |
| R2036 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2037 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2038 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2039 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2040 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2041 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2042 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2043 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2044 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2045 | VRS-TV1JD222J | J 2.2k 1/10W | Metal Oxide | AA |
| R2046 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2047 | VRS-TV1JD105J | J 1M 1/10W | Metal Oxide | AA |
| R2048 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2049 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2050 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2051 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2052 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2053 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R2054 | VRS-TV1JD471J | J 470 1/10W | Metal Oxide | AA |
| R2055 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2056 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2057 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2058 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2059 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2060 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |
| R2061 | VRS-TV1JD223J | J 22k 1/10W | Metal Oxide | AA |
| R2062 | VRS-TV1JD102J | J 1k 1/10W | Metal Oxide | AA |

# DUNTK9113DE02
## MAIN UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | | | Code |
|---|---|---|---|---|---|---|
| R2063 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2064 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2065 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2066 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2067 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2068 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2069 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2070 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2071 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2072 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2073 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2074 | VRS-TV1JD562J | J | 5.6k | 1/10W | Metal Oxide | AA |
| R2075 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2076 | VRS-TV1JD392J | J | 3.9k | 1/10W | Metal Oxide | AA |
| R2078 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2079 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2080 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2081 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2082 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2083 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2084 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2085 | VRS-TV1JD100J | J | 10 | 1/10W | Metal Oxide | AA |
| R2086 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2088 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2089 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R2090 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R2091 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2092 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2093 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2094 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2095 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2098 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2101 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2102 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2103 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2104 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2105 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2106 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2107 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2108 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2109 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2110 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2111 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2112 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2113 | VRS-TV1JD563J | J | 56k | 1/10W | Metal Oxide | AA |
| R2114 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R2115 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2116 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2123 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2124 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2125 | VRS-TV1JD472J | J | 4.7k | 1/10W | Metal Oxide | AA |
| R2126 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2127 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2128 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2129 | VRS-TV1JD223J | J | 22k | 1/10W | Metal Oxide | AA |
| R2130 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R2131 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R2132 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |
| R2134 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2136 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2140 | VRS-VV3LB1R0J | J | 1 | 3W | Metal Oxide | AB |
| R2141 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2142 | VRN-VV3LB3R3J | J | 3.3 | 3.0W | Metal Film | AB |
| R2143 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2144 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R2145 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R2153 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2154 | VRS-TV1JD393J | J | 39k | 1/10W | Metal Oxide | AA |
| R2155 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2156 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2157 | VRS-TV1JD184J | J | 180k | 1/10W | Metal Oxide | AA |
| R2158 | VRN-TV1JD242D | J | 2.4k | 1/10W | Metal Film | AA |
| R2159 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2160 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2161 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |
| R2163 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2164 | VRS-TV1JD000J | J | 0 | 1/10W | Metal Oxide | AA |
| R2165 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2166 | VRS-TV1JD822J | J | 8.2k | 1/10W | Metal Oxide | AA |
| R2168 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2169 | VRS-TV1JD222J | J | 2.2k | 1/10W | Metal Oxide | AA |
| R2170 | VRS-TV1JD102J | J | 1k | 1/10W | Metal Oxide | AA |
| R2171 | VRS-TV1JD472J | J | 4.7k | 1/10W | Metal Oxide | AA |
| R2173 | VRS-TV1JD393J | J | 39k | 1/10W | Metal Oxide | AA |
| R2176 | VRS-TV1JD473J | J | 47k | 1/10W | Metal Oxide | AA |
| R2177 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2178 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R2179 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2180 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R2181 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2182 | VRS-TV1JD104J | J | 100k | 1/10W | Metal Oxide | AA |
| R2183 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2184 | VRS-TV1JD103J | J | 10k | 1/10W | Metal Oxide | AA |
| R2185 | VRS-TV1JD682J | J | 6.8k | 1/10W | Metal Oxide | AA |
| R2186 | VRD-RA2BE273J | J | 27k | 1/8W | Carbon | AA |
| R2189 | VRS-TV1JD123J | J | 12k | 1/10W | Metal Oxide | AA |
| R2190 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R2191 | VRS-TV1JD182J | J | 1.8k | 1/10W | Metal Oxide | AA |
| R2192 | VRS-TV1JD822J | J | 8.2k | 1/10W | Metal Oxide | AA |
| R2193 | VRS-TV1JD184J | J | 180k | 1/10W | Metal Oxide | AA |
| R2194 | VRS-TV1JD152J | J | 1.5k | 1/10W | Metal Oxide | AA |

### SWITCHES

| | | | | |
|---|---|---|---|---|
| S2001 | QSW-K0076CEZZ | J | ADJ. IN | AB |
| S2002 | QSW-K0076CEZZ | J | CALL | AB |
| S2003 | QSW-K0076CEZZ | J | RESET | AB |

### MISCELLANEOUS PARTS

| | | | | |
|---|---|---|---|---|
| FB1201 | RBLN-0060CEZZ | J | Ferrite Bead | AC |

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## DUNTK9113DE02
### MAIN UNIT (Continued)

| | | | | |
|---|---|---|---|---|
| FB1202 | RBLN-0060CEZZ | J | Ferrite Bead | AC |
| FB1203 | RBLN-0060CEZZ | J | Ferrite Bead | AC |
| FB2001 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| FB2002 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| FB2003 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| FB2004 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| FB2005 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| FB2006 | RBLN-0062CEZZ | J | Ferrite Bead | AC |
| J301 | QJAKJ0052CEZZ | J | Computer Audio In Jack | AD |
| J401 | QTANJ0522CEZZ | J | A/V In/Out Jack | AL |
| J402 | QSOCD0432CEZZ | J | S-Video Terminal | AE |
| J1201 | QJAKE0008TAZZ | J | DC 12V Output Jack | AE |
| P301 | QPLGN0174FJZZ | J | Plug 2-pin (SP) | AC |
| P1201 | QPLGN0180FJZZ | J | Plug 8-pin (EA) | AD |
| P1202 | QPLGN0181FJZZ | J | Plug 9-pin (EB) | AE |
| P2001 | QPLGN0242CEZZ | J | Plug 2-pin (FC) | AA |
| P2003 | QPLGN0564TAZZ | J | Plug 5-pin (RA) | AC |
| P2004 | QPLGN0174FJZZ | J | Plug 2-pin (Q) | AC |
| P2005 | QPLGN0174FJZZ | J | Plug 2-pin (QA) | AC |
| P2007 | QPLGN0175FJZZ | J | Plug 3-pin (L) | AD |
| SC601 | QSOCZ0542CEZZ | J | Socket 5-pin | AE |
| SC801 | QSOCZ2228CEZZ | J | Socket 22-pin (CA) | AF |
| SC802 | QSOCZ0742CEZZ | J | Socket 7-pin | AE |
| SC2001 | QSOCN1640TAZZ | J | Socket 16-pin (KE) | AG |
| SC2002 | QSOCZ2228CEZZ | J | Socket 22-pin (CS) | AF |
| SC2003 | QSOCZ0642CEZZ | J | Socket 6-pin | AE |
| | QSOCZ6434GEZZ | J | Socket 64-pin, IC2001 | AG |
| TP602 | QLUGP0103GEFW | J | Lug, Test Point | AA |
| TP802 | QLUGP0103GEFW | J | Lug, Test Point | AA |
| TP803 | QLUGP0103GEFW | J | Lug, Test Point | AA |
| TP808 | QLUGP0103GEFW | J | Lug, Test Point | AA |
| TP809 | QLUGP0103GEFW | J | Lug, Test Point | AA |
| | QCNW-4529CEZZ | J | Connecting Wire | AC |

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## DUNTK9114DE02
### R/C RECEIVER UNIT

#### CAPACITOR

| | | | | | | |
|---|---|---|---|---|---|---|
| C2501 | VCEAPF0JW107M | J | 100 | 6.3V | Electrolytic | AC |

#### RESISTORS

| | | | | | | |
|---|---|---|---|---|---|---|
| R2501 | VRS-TV1JD220J | J | 22 | 1/10W | Metal Oxide | AA |
| R2502 | VRS-TV1JD101J | J | 100 | 1/10W | Metal Oxide | AA |

#### MISCELLANEOUS PARTS

| | | | | |
|---|---|---|---|---|
| P2501 | QPLGN0364TAZZ | J | Plug 3-pin (RA) | AC |
| RMC2501 | RRMCU0196CEZZ | J | Infrared R/C Receiver | AM |

## RUNTK0526CEZZ
### POWER SWITCH UNIT

#### DIODE

| | | | | |
|---|---|---|---|---|
| V701 | 95KUEZ0401ZZ | J | Varistor | AF |

#### COILS

| | | | | |
|---|---|---|---|---|
| ⚠L701 | 95KUKZ0816ZZ | J | Filter | AQ |
| ⚠L702 | 95KUKZ0816ZZ | J | Filter | AQ |

#### CAPACITORS

| | | | | | | |
|---|---|---|---|---|---|---|
| C701 | 95KUGFZ474FE | J | 0.47 | . | Film | AH |
| C702 | 95KUGCM332AU | J | 3300p | . | Ceramic | AC |
| C703 | 95KUGCM332AU | J | 3300p | . | Ceramic | AC |
| C704 | 95KUGFZ224FE | J | 0.22 | . | Film | AF |
| C739 | 95KUGCM332AU | J | 3300p | . | Ceramic | AC |

#### RESISTORS

| | | | | | | |
|---|---|---|---|---|---|---|
| R701 | 95KUEEC394CH | J | 390k | 1/2W | Carbon | AC |
| R762 | 95KUEEC394CH | J | 390k | 1/2W | Carbon | AC |

#### MISCELLANEOUS PARTS

| | | | | |
|---|---|---|---|---|
| ⚠F701 | 95KPJCZZ0050 | J | Fuse T6.3AH 250V | AH |
| ⚠SW701 | 95KPFZ0226ZZ | J | AC Power Switch | AM |

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## POWER/BALLAST UNIT

### INTEGRATED CIRCUITS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| IC101 | 95KUCZ0091ZZ | J | M5T494P | AK |
| IC102 | 95KUCC0015AZ | J | M5239L | AF |
| IC701 | 95KUCH0097ZZ | J | ZHMA5194 | AM |
| IC702 | 95KUCC0043AK | J | TA76431S | AE |

### TRANSISTORS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| Q102 | 95KUAY0046AK | J | 2SB736 | AC |
| Q103 | 95KUAY0012AK | J | 2SA812 | AB |
| Q104 | 95KUAY0013AK | J | 2SC1623 | AB |
| Q105 | 95KUAY0012AK | J | 2SA812 | AB |
| Q106 | 95KUAY0013AK | J | 2SC1623 | AB |
| Q107 | 95KUAY0013AK | J | 2SC1623 | AB |
| Q108 | 95KUAY0013AK | J | 2SC1623 | AB |
| Q701 | 95KUAC0251AZ | J | 2SC4538 | AN |
| Q702 | 95KUAC0243AK | J | 2SC3266 | AC |
| Q704 | 95KUAC0004AK | J | 2SC945 | AB |
| Q707 | 95KUAB0019AZ | J | 2SB1094 | AG |
| Q708 | 95KUAC0004AK | J | 2SC945 | AB |
| Q709 | 95KUAC0004AK | J | 2SC945 | AB |
| Q710 | 95KUAB0019AZ | J | 2SB1094 | AG |
| Q1701 | 95KUAG0099AZ | J | FET 2SK1938 | AV |
| Q1702 | 95KUAG0099AZ | J | FET 2SK1938 | AV |
| Q1703 | 95KUAA0083AK | J | 2SA1680 | AE |
| Q1704 | 95KUAA0083AK | J | 2SA1680 | AE |
| Q1705 | 95KUAC0270AZ | J | 2SC3623 | AD |
| Q1706 | 95KUAC0234AZ | J | 2SC3866 | AH |
| Q1707 | 95KUAB0010CZ | J | 2SB744 | AF |
| Q1708 | 95KUAC0214AK | J | 2SC4408 | AD |

### DIODES

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| D101 | 95KUBY0020AK | J | 1SS355 | AC |
| D102 | 95KUBY0020AK | J | 1SS355 | AC |
| D103 | 95KUBY0020AK | J | 1SS355 | AC |
| D104 | 95KUBY0020AK | J | 1SS355 | AC |
| D105 | 95KUBY0020AK | J | 1SS355 | AC |
| D106 | 95KUBY0020AK | J | 1SS355 | AC |
| D701 | 95KUBC0248AK | J | Diode 05NU42 | AC |
| D702 | 95KUBC0248AK | J | Diode 05NU42 | AC |
| D703 | 95KUBC0221AK | J | Diode ERA18-02 | AC |
| D704 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D705 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D706 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D707 | 95KUBC0264BE | J | Diode ERB32-02 | AD |
| D708 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D709 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D710 | 95KUBC0265BB | J | Diode ERD32-02 | AF |
| D711 | 95KUBC0263BK | J | Diode ERA32-02 | AC |
| D712 | 95KUBC0264BE | J | Diode ERB32-02 | AD |
| D713 | 95KUBC0264BE | J | Diode ERB32-02 | AD |
| D715 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D716 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D1701 | 95KUBC0221AK | J | Diode ERA18-02 | AC |
| D1702 | 95KUBC0221AK | J | Diode ERA18-02 | AC |
| D1703 | 95KUBC0190BK | J | Diode ERC38-05 | AG |
| D1704 | 95KUBC0125DK | J | Diode ERA15-06 | AB |
| D1705 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D1706 | 95KUBC0248AK | J | Diode 05NU42 | AC |
| D1707 | 95KUBC0318AK | J | Diode 1R5NH41 | AF |
| D1708 | 95KUBC0323AK | J | Diode 05NH45 | AE |
| D1709 | 95KUBA0005KZ | J | Diode 1SS55 | AB |
| D1710 | 95KUBC0221AK | J | Diode ERA18-02 | AC |
| ⚠ DS701 | 95KUBB0206CZ | J | Diode Stack D10XB60 | AP |
| DS702 | 95KUBB0226AZ | J | Diode Stack YG801C06 | AK |
| DS1701 | 95KUBB0229AZ | J | Diode Stack PA905C6 | AS |
| ZD103 | 95KUBDAK6R2C | J | Zener Diode RD6.2ESAB2 | AB |
| ZD104 | 95KUBDAK6R2C | J | Zener Diode RD6.2ESAB2 | AB |
| ZD105 | 95KUBDAK6R2C | J | Zener Diode RD6.2ESAB2 | AB |
| ZD701 | 95KUBDAK220C | J | Zener Diode RD22ESAB2 | AB |
| ZD702 | 95KUBDAK4R7C | J | Zener Diode RD4.7ESAB2 | AB |
| ZD1701 | 95KUBDAK270C | J | Zener Diode RD27ESAB2 | AB |
| ZD1702 | 95KUBDAK270C | J | Zener Diode RD27ESAB2 | AB |
| ZD1703 | 95KUBDAK300C | J | Zener Diode RD30ESAB2 | AB |
| ZD1704 | 95KUBDAK100C | J | Zener Diode RD10ESAB2 | AB |
| ZD1705 | 95KUBDAK180C | J | Zener Diode RD18ESAB2 | AB |
| ZD1706 | 95KUBDAK180C | J | Zener Diode RD18ESAB2 | AB |
| THY101 | 95KUDA0078AK | J | Thyristor CR02AM | AF |
| THY701 | 95KUDA0078AK | J | Thyristor CR02AM | AF |
| THY1701 | 95KUDA0083ZZ | J | Thyristor SF8JZ47 | AF |
| THY1702 | 95KUDA0083ZZ | J | Thyristor SF8JZ47 | AF |

### PACKAGED CIRCUITS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| ⚠ PC701 | 95KUDC0163EZ | J | Photo Coupler PC123 | AH |
| ⚠ PC1701 | 95KUDC0163EZ | J | Photo Coupler PC123 | AH |
| ⚠ PC1702 | 95KUDC0163EZ | J | Photo Coupler PC123 | AH |

### COIL AND TRANSFORMERS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| ⚠ T701 | 95K830295022 | J | Trans. PTTN85 | BB |
| T1701 | 95K829195004 | J | Trans. DTTX03 | BB |
| ⚠ T1702 | 95K748295008 | J | Trans. E1246-9001 | BQ |
| ⚠ L703 | 95KUKZ0815ZZ | J | Filter | AQ |
| L704 | 95KUKZ0432ZZ | J | Choke Coil 22µH | AE |
| L705 | 95KUKZ0496ZK | J | Choke Coil 4.7µH | AE |
| L706 | 95KUKZ0434ZZ | J | Choke Coil 33µH | AE |
| L707 | 95KUKZ0432ZZ | J | Choke Coil 22µH | AE |
| L1701 | 95KUKZ0802ZZ | J | Choke Coil CM08301G0 | BA |

### CONTROLS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| R736 | 95KUFBA472DB | J | 4.7k(B) . | AB |
| VR1701 | 95KUFBA103DB | J | 10k(B) . | AC |
| VR1702 | 95KUFBA102DB | J | 1k(B) . | AB |

### CAPACITORS

| Ref. No. | Part No. | ★ | | | Description | Code |
|---|---|---|---|---|---|---|
| C101 | 95KUGXAED104 | J | 0.1 | 25V | Ceramic (CH) | AB |
| C102 | 95KUGXAFC105 | J | 1 | 16V | Ceramic (CH) | AD |
| C103 | 95KUGXAFF104 | J | 0.1 | 50V | Ceramic (CH) | AB |
| C104 | 95KUGXALF102 | J | 1000p | 50V | Ceramic (CH) | AC |
| C105 | 95KUGXAED104 | J | 0.1 | 25V | Ceramic (CH) | AB |
| C106 | 95KUGXAEF103 | J | 0.01 | 50V | Ceramic (CH) | AB |

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## POWER/BALLAST UNIT (Continued)

| Ref. No. | Part No. | ★ | | | Description | Code |
|---|---|---|---|---|---|---|
| C107 | 95KUGXAFC105 | J | 1 | 16V | Ceramic (CH) | AD |
| C108 | 95KUGAE100KL | J | 10 | 35V | Electrolytic | AE |
| C109 | 95KUGXAED104 | J | 0.1 | 25V | Ceramic (CH) | AB |
| C705 | 95KUGFZ224FE | J | 0.22 | . | Film | AF |
| C706 | 95KUGAQ471TX | J | 470 | 400V | Electrolytic | AZ |
| C707 | 95KUGAQ471TX | J | 470 | 400V | Electrolytic | AZ |
| C708 | 95KUGFQ103FB | J | 0.01 | 400V | Film | AC |
| C709 | 95KUGFQ103FB | J | 0.01 | 400V | Film | AC |
| C710 | 95KUGCU101AV | J | 100p | 1kV | Ceramic | AC |
| C711 | 95KUGCF102CB | J | 1000p | 50V | Ceramic | AB |
| C712 | 95KUGFF683BQ | J | 0.068 | 50V | Film | AB |
| C713 | 95KUGFF473BQ | J | 0.047 | 50V | Film | AB |
| C714 | 95KUGFF332BQ | J | 3300p | 50V | Film | AC |
| C715 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C716 | 95KUGAE181TR | J | 180 | 35V | Electrolytic | AD |
| C719 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C720 | 95KUGAD561TS | J | 560 | 25V | Electrolytic | AF |
| C721 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C722 | 95KUGZ1056ZZ | J | 1200 | 16V | Electrolytic | AF |
| C723 | 95KUGZ1056ZZ | J | 1200 | 16V | Electrolytic | AF |
| C724 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C725 | 95KUGAD221TT | J | 220 | 25V | Electrolytic | AD |
| C726 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C727 | 95KUGAD222TS | J | 2200 | 25V | Electrolytic | AH |
| C728 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C729 | 95KUGAD821TS | J | 820 | 25V | Electrolytic | AF |
| C730 | 95KUGFF473BQ | J | 0.047 | 50V | Film | AB |
| C731 | 95KUGCU101AV | J | 100p | 1kV | Ceramic | AC |
| C732 | 95KUGCU101AV | J | 100p | 1kV | Ceramic | AC |
| C733 | 95KUGAD101RV | J | 100 | 25V | Electrolytic | AD |
| C734 | 95KUGAD101RV | J | 100 | 25V | Electrolytic | AD |
| C735 | 95KUGAD101RV | J | 100 | 25V | Electrolytic | AD |
| C736 | 95KUGAD102FE | J | 1000 | 25V | Electrolytic | AF |
| C737 | 95KUGAD101RV | J | 100 | 25V | Electrolytic | AD |
| C738 | 95KUGFZ224FE | J | 0.22 | . | Film | AF |
| C740 | 95KUGCM222AU | J | 2200p | . | Ceramic | AD |
| C741 | 95KUGCM222AU | J | 2200p | . | Ceramic | AD |
| C742 | 95KUGCM222AU | J | 2200p | . | Ceramic | AD |
| C743 | 95KUGAF010RV | J | 1 | 50V | Electrolytic | AC |
| C744 | 95KUGFF104BQ | J | 0.1 | 50V | Film | AC |
| C1701 | 95KUGFQ104FC | J | 0.1 | 400V | Film | AF |
| C1702 | 95KUGCU681AK | J | 680p | 1kV | Ceramic | AD |
| C1703 | 95KUGFQ225HA | J | 2.2 | . | Film | AK |
| C1704 | 95KUGCU102BV | J | 1000p | 1kV | Ceramic | AC |
| C1705 | 95KUGZ0995ZZ | J | 0.22 | . | Film | AH |
| C1706 | 95KUGZ0995ZZ | J | 0.22 | . | Film | AH |
| C1707 | 95KUGFL103HQ | J | 0.01 | . | Film | AD |
| C1708 | 95KUGAE101PB | J | 100 | 35V | Electrolytic | AD |
| C1709 | 95KUGAD470PB | J | 47 | 25V | Electrolytic | AD |
| C1710 | 95KUGAE101PB | J | 100 | 35V | Electrolytic | AD |
| C1711 | 95KUGAE560TR | J | 56 | 35V | Electrolytic | AD |
| C1745 | 95KUGCM102AX | J | 1000p | . | Ceramic | AD |
| C1746 | 95KUGCM102AX | J | 1000p | . | Ceramic | AD |
| C1747 | 95KUGCU472BM | J | 4700p | . | Ceramic | AC |

### RESISTORS

| Ref. No. | Part No. | ★ | | | Description | Code |
|---|---|---|---|---|---|---|
| R102 | 95KUEEC102CH | J | 1k | 1/2W | Carbon | AB |
| R103 | 95KUEXCAS102 | J | 1k | . | Chip | AB |
| R104 | 95KUEXCAS332 | J | 3.3k | . | Chip | AB |
| R105 | 95KUEXCAS473 | J | 47k | . | Chip | AB |
| R106 | 95KUEXCAS333 | J | 33k | . | Chip | AB |
| R107 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R108 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R109 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R110 | 95KUEXCAS272 | J | 2.7k | . | Chip | AB |
| R111 | 95KUEXCAS331 | J | 330 | . | Chip | AB |
| R112 | 95KUEXCAS105 | J | 1M | . | Chip | AB |
| R113 | 95KUEXCAS000 | J | 0 | . | Chip | AB |
| R114 | 95KUEXCAU203 | J | 20k | . | Chip | AB |
| R118 | 95KUEXCAS272 | J | 2.7k | . | Chip | AB |
| R119 | 95KUEXCAU221 | J | 220 | . | Chip | AB |
| R120 | 95KUEXCAS102 | J | 1k | . | Chip | AB |
| R121 | 95KUEEB472DC | J | 4.7k | 1/4W | Carbon | AB |
| R122 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R123 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R124 | 95KUEEB222DC | J | 2.2k | 1/4W | Carbon | AB |
| R128 | 95KUEXCAS102 | J | 1k | . | Chip | AB |
| R129 | 95KUEXCAS222 | J | 2.2k | . | Chip | AB |
| R130 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R131 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R132 | 95KUEXCAS472 | J | 4.7k | . | Chip | AB |
| R133 | 95KUEXCAS472 | J | 4.7k | . | Chip | AB |
| R134 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R135 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R136 | 95KUEXCAS102 | J | 1k | . | Chip | AB |
| R137 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R138 | 95KUEXCAS223 | J | 22k | . | Chip | AB |
| R139 | 95KUEXCAS472 | J | 4.7k | . | Chip | AB |
| R140 | 95KUEXCAU682 | J | 6.8k | . | Special | AB |
| R141 | 95KUEXCAU471 | J | 470 | . | Special | AB |
| R142 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R143 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R144 | 95KUEXCAS103 | J | 10k | . | Chip | AB |
| R702 | 95KUEZ0262ZB | J | Thermistor | | | AF |
| R705 | 95KUEEC824CH | J | 820k | 1/2W | Carbon | AB |
| R706 | 95KUEEC824CH | J | 820k | 1/2W | Carbon | AB |
| R707 | 95KUEFE393CL | J | 39k | 2W | Metal Film | AD |
| R708 | 95KUEFE393CL | J | 39k | 2W | Metal Film | AD |
| R709 | 95KUEFE563CL | J | 56k | 2W | Metal Film | AD |
| R710 | 95KUEFE563CL | J | 56k | 2W | Metal Film | AD |
| R711 | 95KUEEB470DC | J | 47 | 1/4W | Carbon | AB |
| R712 | 95KUEEC330CH | J | 33 | 1/2W | Carbon | AB |
| R713 | 95KUEEC330CH | J | 33 | 1/2W | Carbon | AB |
| R714 | 95KUEEC330CH | J | 33 | 1/2W | Carbon | AB |
| R715 | 95KUEEB221DC | J | 220 | 1/4W | Carbon | AB |
| R716 | 95KUEEB221DC | J | 220 | 1/4W | Carbon | AB |
| R717 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R718 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R719 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |

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## POWER/BALLAST UNIT (Continued)

| Ref. No. | Part No. | ★ | | | Description | Code |
|---|---|---|---|---|---|---|
| R720 | 95KUEEB153DC | J | 15k | 1/4W | Carbon | AB |
| R721 | 95KUEEB821DC | J | 820 | 1/4W | Carbon | AB |
| R722 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R723 | 95KUEEC222CH | J | 2.2k | 1/2W | Carbon | AB |
| R724 | 95KUECC825AE | J | 8.2M | 1/2W | Solid | AB |
| R725 | 95KUECC825AE | J | 8.2M | 1/2W | Solid | AB |
| R726 | 95KUEEC470CH | J | 47 | 1/2W | Carbon | AB |
| R729 | 95KUEBD1R0AF | J | 1 | 1W | Fuse Resistor | AE |
| R730 | 95KUEEC102CH | J | 1k | 1/2W | Carbon | AB |
| R731 | 95KUEEC102CH | J | 1k | 1/2W | Carbon | AB |
| R732 | 95KUEEB561DC | J | 560 | 1/4W | Carbon | AB |
| R733 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R734 | 95KUEEB472DC | J | 4.7k | 1/4W | Carbon | AB |
| R735 | 95KUEEB152DC | J | 1.5k | 1/4W | Carbon | AC |
| R736 | *See Controls* | | | | | |
| R737 | 95KUEEB332DC | J | 3.3k | 1/4W | Carbon | AB |
| R738 | 95KUEEC152CH | J | 1.5k | 1/2W | Carbon | AB |
| R741 | 95KUEEC222CH | J | 2.2k | 1/2W | Carbon | AB |
| R745 | 95KUEEC222CH | J | 2.2k | 1/2W | Carbon | AB |
| R746 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R747 | 95KUEEB821DC | J | 820 | 1/4W | Carbon | AB |
| R748 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R749 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R750 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R751 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R752 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R753 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R754 | 95KUEZ0093KZ | J | 0.1 | . | Fuse Resistor | AD |
| R755 | 95KUEFE1R0CN | J | 1 | 2W | Metal Film | AD |
| R756 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R757 | 95KUEEB271DC | J | 270 | 1/4W | Carbon | AB |
| R758 | 95KUEEB271DC | J | 270 | 1/4W | Carbon | AB |
| R759 | 95KUEEB821DC | J | 820 | 1/4W | Carbon | AB |
| R760 | 95KUEBD330AF | J | 33 | 1W | Fuse Resistor | AE |
| R761 | 95KUEEB224DC | J | 220k | 1/4W | Carbon | AB |
| R762 | 95KUEEC394CH | J | 390k | 1/2W | Carbon | AC |
| R764 | 95KUEFE393CL | J | 39k | 2W | Metal Film | AD |
| R1701 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1702 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1703 | 95KUEFD220AU | J | 22 | 1/2W | Carbon | AB |
| R1704 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1705 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1706 | 95KUEFD220AU | J | 22 | 1/2W | Carbon | AB |
| R1707 | 95KUEGER10AS | J | 0.1 | 2W | Cement | AD |
| R1708 | 95KUEGER10AS | J | 0.1 | 2W | Cement | AD |
| R1709 | 95KUEGER10AS | J | 0.1 | 2W | Cement | AD |
| R1710 | 95KUEFE223CA | J | 22k | 2W | Metal Film | AD |
| R1711 | 95KUEFE223CA | J | 22k | 2W | Metal Film | AD |
| R1712 | 95KUEFE183CA | J | 18k | 2W | Metal Film | AD |
| R1713 | 95KUEFE183CA | J | 18k | 2W | Metal Film | AD |
| R1714 | 95KUES6803CQ | J | 680k | 1/2W | Special | AD |
| R1715 | 95KUES2703CQ | J | 270k | 1/2W | Special | AD |
| R1716 | 95KUES4702CQ | J | 47k | 1/2W | Special | AD |
| R1717 | 95KUEEB331DC | J | 330 | 1/4W | Carbon | AB |
| R1718 | 95KUEEB333DC | J | 33k | 1/4W | Carbon | AB |
| R1719 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1720 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1721 | 95KUEEB271DC | J | 270 | 1/4W | Carbon | AB |
| R1722 | 95KUEEC332CH | J | 3.3k | 1/2W | Carbon | AB |
| R1723 | 95KUEFD333BH | J | 33k | 1W | Metal Film | AC |
| R1724 | 95KUEEB103DC | J | 10k | 1/4W | Carbon | AB |
| R1725 | 95KUEEB820DC | J | 82 | 1/4W | Carbon | AB |
| R1726 | 95KUEEB102DC | J | 1k | 1/4W | Carbon | AC |
| R1727 | 95KUEEB562DC | J | 5.6k | 1/4W | Carbon | AB |
| R1728 | 95KUEEC473CH | J | 47k | 1/2W | Carbon | AB |
| R1729 | 95KUEEC473CH | J | 47k | 1/2W | Carbon | AB |
| R1730 | 95KUEEC223CH | J | 22k | 1/2W | Carbon | AB |
| R1731 | 95KUEEC223CH | J | 22k | 1/2W | Carbon | AB |
| R1732 | 95KUEEC393CH | J | 39k | 1/2W | Carbon | AB |
| R1733 | 95KUEEC153CH | J | 15k | 1/2W | Carbon | AB |
| R1734 | 95KUEBB1R0AY | J | 1 | . | Fuse Resistor | AD |

## MISCELLANEOUS PARTS

| | | | | |
|---|---|---|---|---|
| CN101A | 95KPEZ0047ZZ | J | Socket 7-pin | AD |
| CN102A | 95KPEZ0047ZZ | J | Socket 7-pin | AD |
| CN101B | 95KPKZ2526ZZ | J | Socket 7-pin | AD |
| CN102B | 95KPKZ2526ZZ | J | Socket 7-pin | AD |
| F1701 | 95KPJT0160ZZ | J | Thermal Fuse P130A | AF |
| FB1701 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1702 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1703 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1704 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1705 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1706 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1707 | 95KPZZ0605ZZ | J | Jumper | AA |
| FB1708 | 95KPZZ0605ZZ | J | Jumper | AA |
| FB1709 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1710 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1711 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1712 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1713 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1714 | 95KBFZ89250Z | J | Ferrite Bead | AB |
| FB1715 | 95KUKZ0813ZZ | J | Ferrite Bead | AC |
| FB1716 | 95KUKZ0813ZZ | J | Ferrite Bead | AC |
| FB1717 | 95KUKZ0813ZZ | J | Ferrite Bead | AC |
| FB1718 | 95KUKZ0334ZZ | J | Ferrite Bead | AB |
| FB1719 | 95KZBZ0172ZZ | J | Ferrite Bead | AC |
| FB1720 | 95KZBZ0172ZZ | J | Ferrite Bead | AC |
| RA1 | 95KMRS5019ZZ | J | Heat Radiation Sheet | AD |
| ⚠ RY701 | 95KPHZ0132ZZ | J | Relay G5PE-1 (DC12V) | AN |
| V701 | 95KUERAYE471 | J | Surge Absorbers | AN |
| | 95KPKZ0194ZZ | J | Base Pin 2-pin (PC) | AC |
| | 95KPKZ1167ZZ | J | Base Pin 3-pin (BA) | AK |
| | 95KPKZ1166ZZ | J | Base Pin 2-pin (PA1) | AD |
| | 95KPKZ1167ZZ | J | Base Pin 3-pin (PA2) | AK |
| | 95KPKZ1168ZZ | J | Base Pin 2-pin (PE) | AD |
| | 95KPKZ0527ZZ | J | Connector 7-pin (EV) | AC |
| | 95KPKZ0528ZZ | J | Connector 8-pin (EA) | AD |
| | 95KPKZ0529ZZ | J | Connector 9-pin (EB) | AD |
| | 95KPKZ0541ZZ | J | Connector 3-pin (FS) | AB |

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## PC I/F UNIT

### INTEGRATED CIRCUITS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| IC8001 | 9DK001-10012 | J | HD407A4359S | BP |
| IC8002 | 9DK001-15006 | J | PST529CMT | AN |
| IC8003 | 9DK001-11012 | J | AT24C16N-10SC | AY |
| IC8004 | 9DK001-15028 | J | ICS1522M | BS |
| IC8007 | 9DK001-15008 | J | TL712CPS | AP |
| IC8008 | 9DK001-15008 | J | TL712CPS | AP |
| IC8009 | 9DK001-15008 | J | TL712CPS | AP |
| IC8010 | 9DK001-15026 | J | M52348SP | BC |
| IC8013 | 9DK001-15016 | J | LT1260CS | BL |
| IC8014 | 9DK001-12001 | J | SN74ALS1034NS | AG |
| IC8015 | 9DK001-15004 | J | MM1203XD | AZ |
| IC8016 | 9DK001-15025 | J | MB40528PF | BP |
| IC8017 | 9DK001-15025 | J | MB40528PF | BP |
| IC8018 | 9DK001-15025 | J | MB40528PF | BP |
| IC8019 | 9DK001-11013 | J | HM530281R | BQ |
| IC8020 | 9DK001-11013 | J | HM530281R | BQ |
| IC8021 | 9DK001-11013 | J | HM530281R | BQ |
| IC8022 | 9DK001-11013 | J | HM530281R | BQ |
| IC8023 | 9DK001-11013 | J | HM530281R | BQ |
| IC8024 | 9DK001-11013 | J | HM530281R | BQ |
| IC8025 | 9DK001-14005 | J | iX2691CE | BL |
| IC8026 | 9DK001-14005 | J | iX2691CE | BL |
| IC8027 | 9DK001-14006 | J | iX2891CE | BL |
| IC8028 | 9DK001-15021 | J | PQ12TZ11 | AR |
| IC8029 | 9DK001-15023 | J | PQ05RF21 | AR |
| IC8030 | 9DK001-15018 | J | HA179L05U | AM |
| IC8031 | 9DK001-15023 | J | PQ05RF21 | AR |
| IC8032 | 9DK001-15022 | J | PQ05TZ51 | AR |
| IC8301 | 9DK001-15022 | J | PQ05TZ51 | AR |
| IC8302 | 9DK001-15027 | J | NJM3403AV | AQ |
| IC8303 | 9DK001-12027 | J | SN74F08NS | AL |
| IC8304 | 9DK001-15029 | J | SN74CBT3125PW | AL |
| IC8305 | 9DK001-12042 | J | SN74LS153NS | AALL |
| IC8306 | 9DK001-12005 | J | SN74ALS74NS | |

### TRANSISTORS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| Q8001 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8002 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8003 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8004 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8005 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8006 | 9DK001-20009 | J | 2SA1162GR | AF |
| Q8007 | 9DK001-20010 | J | 2SC2859O | AF |
| Q8008 | 9DK001-20010 | J | 2SC2859O | AF |
| Q8010 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8011 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8012 | 9DK001-20007 | J | 2SC2996O | AE |
| Q8301 | 9DK001-20010 | J | 2SC2859O | AF |
| Q8302 | 9DK001-20009 | J | 2SA1162GR | AF |
| Q8303 | 9DK001-20010 | J | 2SC2859O | AF |
| Q8304 | 9DK001-20009 | J | 2SA1162GR | AF |
| Q8305 | 9DK001-20010 | J | 2SC2859O | AF |
| Q8306 | 9DK001-20009 | J | 2SA1162GR | AF |

### DIODES

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| D8001 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8002 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8003 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8004 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8005 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8006 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8007 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8008 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8009 | 9DK001-30006 | J | Diode 1SS193 | AE |
| D8010 | 9DK001-30007 | J | Diode 1SS319 | AH |
| D8012 | 9DK001-30007 | J | Diode 1SS319 | AH |
| D8013 | 9DK001-30008 | J | Zener Diode | AE |
| D8014 | 9DK001-30008 | J | Zener Diode | AE |
| D8015 | 9DK001-30008 | J | Zener Diode | AE |

### PACKAGED CIRCUITS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| X8001 | 9DK001-80008 | J | Crystal 40 MHz | AR |
| X8003 | 9DK001-80007 | J | Crystal 8 MHz | AP |

### COIL AND TRANSFORMERS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| FL8001 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8002 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8003 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8004 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8005 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8006 | 9DK001-82008 | J | 3-pin Filter | AG |
| FL8007 | 9DK001-82015 | J | 3-pin Filter | AG |
| FL8008 | 9DK001-51014 | J | Resistor Array | AE |
| FL8009 | 9DK001-51014 | J | Resistor Array | AE |
| FL8010 | 9DK001-51014 | J | Resistor Array | AE |
| FL8011 | 9DK001-51014 | J | Resistor Array | AE |
| FL8012 | 9DK001-51014 | J | Resistor Array | AE |
| FL8013 | 9DK001-82007 | J | 3-pin Filter | AL |
| FL8014 | 9DK001-82007 | J | 3-pin Filter | AL |
| FL8015 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| FL8017 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| FL8018 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| FL8030 | 9DK001-82012 | J | 3-pin Filter | AK |
| FL8031 | 9DK001-82012 | J | 3-pin Filter | AK |
| FL8032 | 9DK001-82012 | J | 3-pin Filter | AK |
| FL8033 | 9DK001-82012 | J | 3-pin Filter | AK |
| FL8301 | 9DK001-82014 | J | 3-pin Filter | AK |
| FL8302 | 9DK001-82014 | J | 3-pin Filter | AK |
| FL8303 | 9DK001-82014 | J | 3-pin Filter | AK |
| FL8304 | 9DK001-82014 | J | 3-pin Filter | AK |
| FL8305 | 9DK001-82014 | J | 3-pin Filter | AK |
| FL8306 | 9DK001-82014 | J | 3-pin Filter | AK |
| L8001 | 9DK001-81014 | J | Inductor 1mH | AK |
| L8003 | 9DK001-81011 | J | Inductor 470µH | AK |
| L8004 | 9DK001-81018 | J | Inductor 470µH | AQ |
| L8005 | 9DK001-81011 | J | Inductor 470µH | AK |
| L8301 | 9DK001-81011 | J | Inductor 470µH | AK |

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## PC I/F UNIT (Continued)

### CAPACITORS

| Ref. No. | Part No. | ★ | | | Description | Code |
|---|---|---|---|---|---|---|
| C8001 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8002 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8003 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8004 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8005 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8010 | 9DK001-42046 | J | 4700p | 50V | Ceramic | AC |
| C8011 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8012 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8013 | 9DK001-42052 | J | 22p | 50V | Ceramic | AC |
| C8014 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8015 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8016 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8017 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8018 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8020 | 9DK001-42050 | J | 330p | 50V | Ceramic | AC |
| C8027 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8028 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8029 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8030 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8031 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8032 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8033 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8034 | 9DK001-40024 | J | 10 | 50V | Electrolytic | AH |
| C8035 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8036 | 9DK001-40024 | J | 10 | 50V | Electrolytic | AH |
| C8037 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8038 | 9DK001-40024 | J | 10 | 50V | Electrolytic | AH |
| C8039 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8043 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8044 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8045 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8046 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8048 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8049 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8050 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8051 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8052 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8053 | 9DK001-40043 | J | 0.01 | 50V | Ceramic | AC |
| C8054 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8055 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AA |
| C8056 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8057 | 9DK001-40034 | J | 330 | 16V | Electrolytic | AK |
| C8058 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8059 | 9DK001-40031 | J | 220 | 16V | Electrolytic | AP |
| C8060 | 9DK001-40034 | J | 330 | 16V | Electrolytic | AK |
| C8061 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8062 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8063 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8064 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8065 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8066 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8067 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8068 | 9DK001-40034 | J | 330 | 16V | Electrolytic | AK |
| C8069 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8070 | 9DK001-42031 | J | 56p | 50V | Ceramic | AC |
| C8071 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8072 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8073 | 9DK001-40034 | J | 330 | 16V | Electrolytic | AK |
| C8074 | 9DK001-42031 | J | 56p | 50V | Ceramic | AC |
| C8075 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8076 | 9DK001-42031 | J | 56p | 50V | Ceramic | AC |
| C8077 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8078 | 9DK001-40023 | J | 10 | 16V | Electrolytic | AG |
| C8079 | 9DK001-40030 | J | 4.7 | 35V | Electrolytic | AG |
| C8080 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8081 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8082 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8083 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8084 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8085 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8086 | 9DK001-40030 | J | 4.7 | 35V | Electrolytic | AG |
| C8087 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8088 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8089 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8090 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8091 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8092 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8093 | 9DK001-40030 | J | 4.7 | 35V | Electrolytic | AG |
| C8094 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8095 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8096 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8097 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8098 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8099 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8100 | 9DK001-40025 | J | 100 | 6.3V | Electrolytic | AH |
| C8101 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8102 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8103 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8104 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8105 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8106 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8107 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8108 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8109 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8110 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8111 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8112 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8113 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8114 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8115 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8116 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8117 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8118 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8119 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8120 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8121 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8122 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8123 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |

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## PC I/F UNIT (Continued)

| Ref. No. | Part No. | ★ | | | | Code |
|---|---|---|---|---|---|---|
| C8124 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8136 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8137 | 9DK001-42054 | J | 1 | 16V | Ceramic | AC |
| C8138 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8139 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8140 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8141 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8142 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8143 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8144 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8145 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8146 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8147 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8148 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8149 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8150 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8151 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8152 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8155 | 9DK001-42051 | J | 10p | 50V | Ceramic | AD |
| C8156 | 9DK001-42051 | J | 10p | 50V | Ceramic | AD |
| C8157 | 9DK001-42041 | J | 100p | 50V | Ceramic | AC |
| C8160 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8161 | 9DK001-40035 | J | 220 | 25V | Electrolytic | AH |
| C8162 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8163 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8164 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8165 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8166 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8167 | 9DK001-40025 | J | 100 | 6.3V | Electrolytic | AH |
| C8168 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8169 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8170 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8171 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8172 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8173 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8174 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8175 | 9DK001-40029 | J | 22 | 16V | Electrolytic | AC |
| C8176 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8177 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8178 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8179 | 9DK001-40026 | J | 100 | 16V | Electrolytic | AL |
| C8200 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8201 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8202 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8203 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8204 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8205 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8206 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8207 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8208 | 9DK001-40040 | J | 47 | 50V | Electrolytic | AF |
| C8209 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8210 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8211 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8212 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8213 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8214 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8215 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8216 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8217 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8218 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8219 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8220 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8221 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8222 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8301 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8302 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8303 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8304 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8305 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8306 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8307 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8308 | 9DK001-40028 | J | 22 | 6.3V | Electrolytic | AG |
| C8309 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8310 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8311 | 9DK001-40037 | J | 220 | 6.3V | Electrolytic | AH |
| C8312 | 9DK001-40037 | J | 220 | 6.3V | Electrolytic | AG |
| C8313 | 9DK001-40038 | J | 47 | 16V | Electrolytic | AG |
| C8314 | 9DK001-42004 | J | 0.1 | 25V | Ceramic | AA |
| C8315 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8316 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8317 | 9DK001-42043 | J | 0.01 | 50V | Ceramic | AC |
| C8318 | 9DK001-42002 | J | 47p | 50V | Ceramic | AA |
| C8320 | 9DK001-40031 | J | 220 | 16V | Electrolytic | AP |

### CONTROLS

| | | | | | |
|---|---|---|---|---|---|
| R8023 | 9DK001-52005 | J | 10k(B) | | AH |
| R8088 | 9DK001-52003 | J | 33k(B) | Contrast | AG |
| R8095 | 9DK001-52002 | J | 150(B) | R-Level | AG |
| R8103 | 9DK001-52002 | J | 150(B) | B-Level | AG |

### RESISTORS

| | | | | | |
|---|---|---|---|---|---|
| RA8001 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8002 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8003 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8004 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8005 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8006 | 9DK001-51017 | J | 5.6k | 1/16W Resistor Array | AE |
| RA8007 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8008 | 9DK001-51018 | J | 10k | 1/16W Resistor Array | AE |
| RA8010 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8011 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8012 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8013 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8014 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8015 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8022 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8023 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8026 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |
| RA8027 | 9DK001-51005 | J | 120 | 1/16W Resistor Array | AE |

## RPCi-0011CEZZ
### PC I/F UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| RA8030 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8031 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8034 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8035 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8038 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8039 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8042 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8043 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8044 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8045 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8046 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8047 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8048 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8049 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8050 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8051 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8052 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8053 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8054 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8055 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8070 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8071 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8072 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8073 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8074 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8075 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8076 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8077 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8078 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8079 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8080 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8081 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8082 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8083 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8084 | 9DK001-51018 | J | 10k 1/16W Resistor Array | AE |
| RA8090 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8091 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8092 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8093 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8094 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| RA8095 | 9DK001-51005 | J | 120 1/16W Resistor Array | AE |
| R8001 | 9DK001-50017 | J | 220 1/10W | AA |
| R8002 | 9DK001-50017 | J | 220 1/10W | AA |
| R8003 | 9DK001-50017 | J | 220 1/10W | AA |
| R8004 | 9DK001-50017 | J | 220 1/10W | AA |
| R8005 | 9DK001-50017 | J | 220 1/10W | AA |
| R8006 | 9DK001-50017 | J | 220 1/10W | AA |
| R8007 | 9DK001-50004 | J | 100 1/10W | AA |
| R8008 | 9DK001-50004 | J | 100 1/10W | AA |
| R8009 | 9DK001-50004 | J | 100 1/10W | AA |
| R8010 | 9DK001-50004 | J | 100 1/10W | AA |
| R8011 | 9DK001-50004 | J | 100 1/10W | AA |
| R8012 | 9DK001-50004 | J | 100 1/10W | AA |
| R8013 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8014 | 9DK001-50050 | J | 47k 1/10W | AC |
| R8015 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8016 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8019 | 9DK001-50017 | J | 220 1/10W | AA |
| R8020 | 9DK001-50052 | J | 47 1/10W | AC |
| R8021 | 9DK001-50052 | J | 47 1/10W | AC |
| R8022 | 9DK001-50052 | J | 47 1/10W | AC |
| R8023 | *See Controls* | | | |
| R8025 | 9DK001-50073 | J | 82k 1/10W | AB |
| R8026 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8027 | 9DK001-50006 | J | 560 1/10W | AA |
| R8028 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8029 | 9DK001-50017 | J | 220 1/10W | AA |
| R8030 | 9DK001-50017 | J | 220 1/10W | AA |
| R8031 | 9DK001-50017 | J | 220 1/10W | AA |
| R8033 | 9DK001-50017 | J | 220 1/10W | AA |
| R8034 | 9DK001-50017 | J | 220 1/10W | AA |
| R8035 | 9DK001-50017 | J | 220 1/10W | AA |
| R8036 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8041 | 9DK001-50014 | J | 75 1/4W | AA |
| R8042 | 9DK001-50014 | J | 75 1/4W | AA |
| R8043 | 9DK001-50014 | J | 75 1/4W | AA |
| R8044 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8045 | 9DK001-50004 | J | 100 1/10W | AA |
| R8046 | 9DK001-50018 | J | 3.9k 1/10W | AA |
| R8047 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8048 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8049 | 9DK001-50004 | J | 100 1/10W | AA |
| R8050 | 9DK001-50018 | J | 3.9k 1/10W | AA |
| R8051 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8052 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8053 | 9DK001-50004 | J | 100 1/10W | AA |
| R8054 | 9DK001-50018 | J | 3.9k 1/10W | AA |
| R8055 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8056 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8057 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8058 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8059 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8060 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8061 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8062 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8063 | 9DK001-50013 | J | 22k 1/10W | AA |
| R8064 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8068 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8069 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8070 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8071 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8072 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8073 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8074 | 9DK001-50014 | J | 75 1/4W | AA |
| R8075 | 9DK001-50014 | J | 75 1/4W | AA |
| R8076 | 9DK001-50014 | J | 75 1/4W | AA |
| R8077 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8078 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8080 | 9DK001-50003 | J | 68 1/10W | AA |

# RPCi-0011CEZZ
## PC I/F UNIT (Continued)

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| R8081 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8082 | 9DK001-50003 | J | 68 1/10W | AA |
| R8083 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8084 | 9DK001-50003 | J | 68 1/10W | AA |
| R8085 | 9DK001-50011 | J | 5.6k 1/10W | AA |
| R8086 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8087 | 9DK001-50058 | J | 62k 1/10W | AC |
| R8088 | *See Controls* | | | |
| R8089 | 9DK001-50017 | J | 220 1/10W | AA |
| R8090 | 9DK001-50001 | J | 10 1/10W | AA |
| R8091 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8092 | 9DK001-50016 | J | 82 1/10W | AA |
| R8093 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8094 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8095 | *See Controls* | | | |
| R8096 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8097 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8098 | 9DK001-50006 | J | 560 1/10W | AA |
| R8099 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8100 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8101 | 9DK001-50006 | J | 560 1/10W | AA |
| R8102 | 9DK001-50001 | J | 10 1/10W | AA |
| R8103 | *See Controls* | | | |
| R8104 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8105 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8106 | 9DK001-50006 | J | 560 1/10W | AA |
| R8107 | 9DK001-50004 | J | 100 1/10W | AA |
| R8108 | 9DK001-50004 | J | 100 1/10W | AA |
| R8109 | 9DK001-50004 | J | 100 1/10W | AA |
| R8110 | 9DK001-50064 | J | 39k 1/10W | AB |
| R8111 | 9DK001-50064 | J | 39k 1/10W | AB |
| R8112 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8124 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8125 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8126 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8128 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8130 | 9DK001-50068 | J | 1M 1/10W | AB |
| R8131 | 9DK001-50020 | J | 120 1/10W | AA |
| R8132 | 9DK001-50020 | J | 120 1/10W | AA |
| R8133 | 9DK001-81015 | J | Shield Inductor | AG |
| R8134 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8137 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8138 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8139 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8140 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8141 | 9DK001-50020 | J | 120 1/10W | AA |
| R8142 | 9DK001-50020 | J | 120 1/10W | AA |
| R8143 | 9DK001-50020 | J | 120 1/10W | AA |
| R8144 | 9DK001-50020 | J | 120 1/10W | AA |
| R8145 | 9DK001-50020 | J | 120 1/10W | AA |
| R8146 | 9DK001-50020 | J | 120 1/10W | AA |
| R8147 | 9DK001-50020 | J | 120 1/10W | AA |
| R8148 | 9DK001-50020 | J | 120 1/10W | AA |
| R8149 | 9DK001-50020 | J | 120 1/10W | AA |
| R8150 | 9DK001-50020 | J | 120 1/10W | AA |
| R8152 | 9DK001-50020 | J | 120 1/10W | AA |
| R8153 | 9DK001-50020 | J | 120 1/10W | AA |
| R8154 | 9DK001-50020 | J | 120 1/10W | AA |
| R8156 | 9DK001-50020 | J | 120 1/10W | AA |
| R8157 | 9DK001-50020 | J | 120 1/10W | AA |
| R8158 | 9DK001-50020 | J | 120 1/10W | AA |
| R8159 | 9DK001-50020 | J | 120 1/10W | AA |
| R8160 | 9DK001-50020 | J | 120 1/10W | AA |
| R8161 | 9DK001-50020 | J | 120 1/10W | AA |
| R8162 | 9DK001-50020 | J | 120 1/10W | AA |
| R8163 | 9DK001-50020 | J | 120 1/10W | AA |
| R8164 | 9DK001-50020 | J | 120 1/10W | AA |
| R8180 | 9DK001-50079 | J | 10 3W | AG |
| R8181 | 9DK001-50066 | J | 1 1/2W Fuse Resistor | AB |
| R8190 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8191 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8192 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8193 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8194 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8195 | 9DK001-50033 | J | 1.2k 1/10W | AB |
| R8200 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8201 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8202 | 9DK001-50029 | J | 330 1/10W | AB |
| R8203 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8204 | 9DK001-50029 | J | 330 1/10W | AB |
| R8205 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8206 | 9DK001-50050 | J | 47k 1/10W | AC |
| R8210 | 9DK001-50069 | J | 15k 1/10W | AB |
| R8211 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8212 | 9DK001-50069 | J | 15k 1/10W | AB |
| R8213 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8214 | 9DK001-50069 | J | 15k 1/10W | AB |
| R8215 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8301 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8302 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8303 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8304 | 9DK001-50046 | J | 10 2W | AE |
| R8305 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8306 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8307 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8308 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8309 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8310 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8311 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8312 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8313 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8314 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8315 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8316 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8319 | 9DK001-50068 | J | 1M 1/10W | AB |
| R8321 | 9DK001-50021 | J | 0 1/10W Jumper | AB |
| R8325 | 9DK001-50012 | J | 10k 1/10W | AA |
| R8326 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8327 | 9DK001-50008 | J | 2.2k 1/10W | AA |

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## RPCi-0011CEZZ
### PC I/F UNIT (Continued)

| | | | | |
|---|---|---|---|---|
| R8328 | 9DK001-50008 | J | 2.2k 1/10W | AA |
| R8329 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8330 | 9DK001-50062 | J | 1k 1/10W | AB |
| R8331 | 9DK001-50062 | J | 1k 1/10W | AB |

### MISCELLANEOUS PARTS

| | | | | |
|---|---|---|---|---|
| CN1 | 9DK001-60017 | J | Connector 15-pin PC-IN | AX |
| CN2 | 9DK001-60017 | J | Connector 15-pin PC-OUT | AX |
| FB8001 | 9DK001-81016 | J | Solid Inductor (Chip) | AG |
| FB8002 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8003 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8004 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8005 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8006 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8007 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8008 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8009 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8010 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8011 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8012 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8013 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8014 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8015 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8016 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8017 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8018 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8019 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8021 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8022 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8023 | 9DK001-81015 | J | Solid Inductor (Chip) | AG |
| FB8024 | 9DK001-81067 | J | 0 1/8W Jumper | AB |
| FB8026 | 9DK001-81067 | J | 0 1/8W Jumper | AB |
| FB8027 | 9DK001-81067 | J | 0 1/8W Jumper | AB |
| FB8028 | 9DK001-81067 | J | 0 1/8W Jumper | AB |
| FB8029 | 9DK001-81067 | J | 0 1/8W Jumper | AB |
| S8001 | 9DK001-70008 | J | Slide Switch | AQ |
| TP8001 | 9DK001-84013 | J | Test Point | AC |
| TP8002 | 9DK001-84013 | J | Test Point | AC |
| TP8003 | 9DK001-84013 | J | Test Point | AC |
| TP8004 | 9DK001-84013 | J | Test Point | AC |
| TP8005 | 9DK001-84013 | J | Test Point | AC |
| TP8006 | 9DK001-84013 | J | Test Point | AC |
| | 9DK001-60019 | J | Connector 40-pin (LC) | AR |
| | 9DK001-60020 | J | Connector 22-pin (CA) | AP |
| | 9DK001-60020 | J | Connector 22-pin (CS) | AP |
| | 9DK001-60021 | J | Connector 7-pin (EV) | AK |
| | 9DK001-60018 | J | Hexagon Screw, x4 for CN1/CN2 | AE |



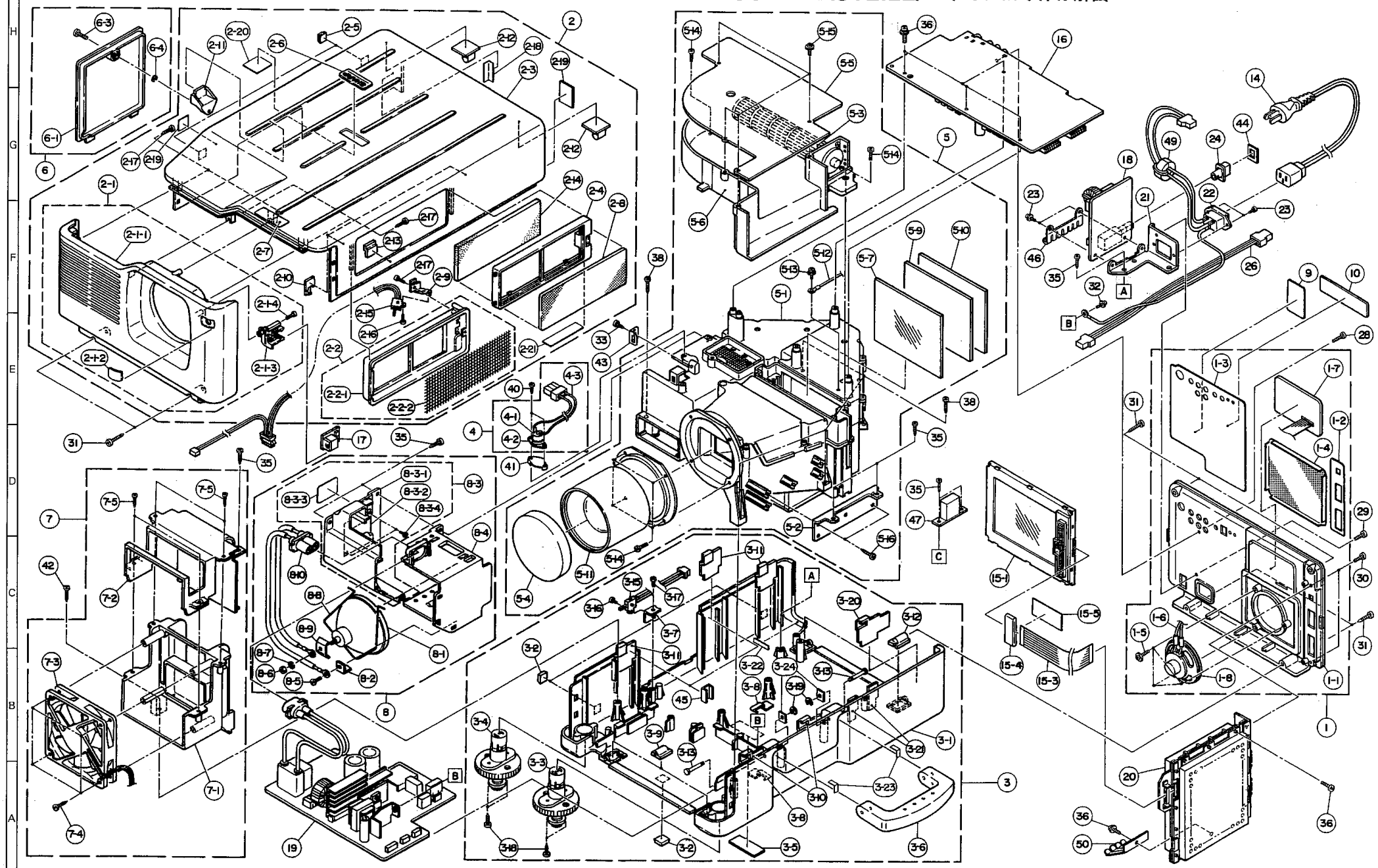
| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|

## SERVICE PARTS

| | | | | |
|---|---|---|---|---|
| | QCNW-3936CEZZ | J | Extension Cable 22-pin Main Unit (CA) — PC I/F Unit (CA) | BB |
| | QCNW-3936CEZZ | J | Extension Cable 22-pin Main Unit (CS) — PC I/F Unit (CS) | BB |

## Memo

# CABINET AND MECHANICAL PARTS/GEHÄUSE UND MECHANISCHE BAUTEILE/ 壳罩与机械零件分解图



# CABINET AND MECHANICAL PARTS

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| 1 | CBDYR1050CEK3 | J | Rear Body Ass'y | BQ |
| 1-1 | *Not Available* | – | Rear Body | — |
| 1-2 | HiNDP4661CESA | J | Indication Plate, PC | AE |
| 1-3 | HiNDP4734CESA | J | Model Label | AL |
| 1-4 | HPNC-0390CESA | J | Punching Metal | AK |
| 1-5 | LX-HZ3066CEFD | J | Screw, x3 | AB |
| 1-6 | QCNW-4428CEZZ | J | Connecting Wire | AG |
| 1-7 | QSW-Z0045CEZZ | J | Membrane Switch | BC |
| 1-8 | VSP0080PBK48A | J | Speaker | AN |
| 2 | CBDYT1059CEK1 | J | Front/Top Body Ass'y | CB |
| 2-1 | CBDYF1066CEK1 | J | Front Body Ass'y | BN |
| 2-1-1 | *Not Available* | – | Front Body | — |
| 2-1-2 | HDECP0162CESA | J | Decoration Plate | AF |
| 2-1-3 | LHLDZ1943CEKZ | J | Holder, x1 | AF |
| 2-1-4 | XEBSD30P08000 | J | Screw, x1 | AA |
| 2-2 | CCOVA1641CEK1 | J | Fan Cover Ass'y | AR |
| 2-2-1 | *Not Available* | – | Fan Cover | — |
| 2-2-2 | HPNC-0396CESA | J | Punching Metal | AL |
| 2-3 | *Not Available* | – | Top Body | — |
| 2-4 | GCOVH1294CEKZ | J | Cover | AK |
| 2-5 | GLEGG9032CESA | J | Rubber Foot, x2 | AC |
| 2-6 | HBDGB3107CESA | J | Badge, SHARP | AL |
| 2-7 | HiNDP4637CESG | J | Indication Plate | AD |
| 2-8 | HPNC-0397CESA | J | Punching Metal | AK |
| 2-9 | LANGQ1319CEFW | J | Fixing Metal | AD |
| 2-10 | LHLDW1186CEKZ | J | Wire Holder, x2 | AD |
| 2-11 | LHLDZ1937CEKZ | J | Holder with Nut | AH |
| 2-12 | LHLDZ1938CEKZ | J | Holder, x2 | AD |
| 2-13 | LHLDZ1954CEZZ | J | Holder | AD |
| 2-14 | PFiLD0040CEZZ | J | Filter | AF |
| 2-15 | QCNW-4430CEZZ | J | Leaf Switch | AE |
| 2-16 | XBPSD26P06000 | J | Screw, x1 | AA |
| 2-17 | XEBSD30P08000 | J | Screw, x5 | AA |
| 2-18 | PMLT-0248CEZZ | J | Light Shielding Tape | AC |
| 2-19 | PSPAT0023CEZZ | J | Teflon Tape | AC |
| 2-20 | PSPAT0022CEZZ | J | Teflon Tape | AD |
| 2-21 | PSPAT0014CEZZ | J | Teflon Tape | AE |
| 3 | CBDYU1063CEK3 | J | Bottom Body Ass'y | BZ |
| 3-1 | *Not Available* | – | Bottom Body | — |
| 3-2 | GLEGG9032CESA | J | Rubber Foot, x3 | AC |
| 3-3 | GLEGP9104CEKB | J | Adjuster | AQ |
| 3-4 | GLEGP9105CEKB | J | Adjuster | AQ |
| 3-5 | HDECP0164CEKA | J | Decoration Plate | AC |
| 3-6 | JHNDA1028CESA | J | Handle | AP |
| 3-7 | LANGQ1320CEFW | J | Fixing Metal | AD |
| 3-8 | LHLDW1197CEKZ | J | Wire Holder, x2 | AD |
| 3-9 | LHLDZ1939CEKZ | J | Holder, x2 | AD |
| 3-10 | LHLDZ1940CEKZ | J | Holder, x2 | AD |
| 3-11 | LHLDZ1941CEKZ | J | Holder, x3 | AD |
| 3-12 | LHLDZ1942CEKZ | J | Holder, x2 | AD |
| 3-13 | NSFTH0016CE00 | J | Shaft, x2 | AD |
| 3-14 | *Not Used* | | | |
| 3-15 | QCNW-4429CEZZ | J | Connecting Wire | AL |
| 3-16 | XBPSD26P06000 | J | Screw, x1 | AA |
| 3-17 | XEBSD30P08000 | J | Screw, x1 | AA |
| 3-18 | XEPSF40P12000 | J | Screw, x4 | AA |
| 3-19 | XRESJ30-06000 | J | Screw, x2 | AA |
| 3-20 | LHLDZ1977CEKZ | J | Holder, x1 | AD |
| 3-21 | LHLDZ1982CEKZ | J | Holder, x2 | AC |
| 3-22 | PMLT-0249CEZZ | J | Light Shielding Tape | AC |
| 3-23 | PSPAT0013CEZZ | J | Teflon Tape | AC |
| 3-24 | LHLDZ1978CEKZ | J | Holder, x2 | AD |
| ⚠4 | CBiM-0001DE16 | J | Bimetal Ass'y | BE |
| 4-1 | *Not Available* | – | Bimetal | — |
| 4-2 | LHLDW1033CEKZ | J | Holder | AA |
| 4-3 | QCNW-4433CEZZ | J | Connecting Wire | AK |
| 5 | CCHSK0030CEK4 | J | Optics Mech. Ass'y | CZ |
| 5-1 | *Not Available* | – | Optics Mech. | — |
| 5-2 | LANGK0580CEFW | J | Angle | AN |
| 5-3 | NFANC0003CEZZ | J | Fan | BC |
| 5-4 | PCAPH1043CESA | J | Lens Cap | AL |
| 5-5 | PDUC-0029CE00 | J | Duct, Top | AR |
| 5-6 | PDUC-0030CE00 | J | Duct, Bottom | AZ |
| 5-7 | PLNS-0102CEZZ | J | Outgoing-Light Fresnel Lens | BM |
| 5-8 | *Not Used* | | | |
| 5-9 | PFiLW0098CEZZ | J | Incoming-Light Deflection Plate | AZ |
| 5-10 | PLNS-0081CEZZ | J | Incoming-Light Fresnel Lens | BK |
| 5-11 | PLNS-0079CEZZ | J | Projection Lens | BY |
| 5-12 | RH-HZ0045CEZZ | J | Thermistor | AQ |
| 5-13 | XBPSD30P08KS0 | J | Screw, x1 | AA |
| 5-14 | XBPSF40P10000 | J | Screw, x6 | AA |
| 5-15 | XBPSF26P10000 | J | Screw, x4 | AA |
| 5-16 | XEPSF40P12000 | J | Screw, x2 | AA |
| 6 | CCOVA1643CEK1 | J | Lamp Cover Ass'y | AX |
| 6-1 | *Not Available* | – | Lamp Cover | — |
| 6-2 | *Not Used* | | | |
| 6-3 | LX-BZ3334CESA | J | Screw | AE |
| 6-4 | XRESJ30-06000 | J | E-Ring | AA |
| 7 | CCOVZ1037CEK1 | J | Fan Duct Ass'y | BG |
| 7-1 | *Not Available* | – | Fan Duct, Bottom | — |
| 7-2 | PCOVZ1038CEKZ | J | Fan Duct, Top | AQ |
| 7-3 | NFANR0017CE00 | J | Fan | BC |
| 7-4 | XEBSF40P16000 | J | Screw, x2 | AA |
| 7-5 | XEPSF30P08000 | J | Screw, x4 | AA |
| ⚠8 | BQC-XG3700E/1 | J | Lamp Unit (Lamp/Cage Module) | CH |
| ⚠8-1 | CLMPF0037DE01 | J | Lamp/Mirror Ass'y | CC |
| 8-2 | LANGQ9183CEBN | J | Angle | AD |
| 8-3 | CHLDZ1928CE02 | J | Holder Ass'y | AT |

# CABINET AND MECHANICAL PARTS (Continued)

| Ref. No. | Part No. | ★ | Description | Code |
|---|---|---|---|---|
| 8-3-1 | LHLDZ1928CEZZ | J | Holder | AT |
| 8-3-2 | PSLDH3040CE00 | J | Heat Shield | AE |
| 8-3-3 | TLABZ0617CEZZ | J | Label | AC |
| 8-3-4 | XEPSD30P06000 | J | Screw, x2 | AA |
| 8-4 | LHLDZ1929CEZZ | J | Holder | AV |
| 8-5 | LX-BZ3270CEFN | J | Screw, x1 | AA |
| 8-6 | LX-NZ3108CEFN | J | Nut, x1 | AA |
| 8-7 | LX-WZ3102CEFN | J | Washer, x1 | AA |
| 8-8 | MSPRB0021CEFW | J | Spring, x1 | AG |
| 8-9 | PRDAR1499CEFW | J | Heat Sink | AC |
| 8-10 | QPLGN0309FJZZ | J | Plug | AP |
| 9 | TLABS0212CEZZ | J | CE Label | AD |
| 10 | HiNDP4724CEZZ | J | Serial Number Plate | AD |
| 11 | | | | |
| 12 | *Not Used* | | | |
| 13 | | | | |
| ⚠14 | QACCB5016CEZZ | J | AC Cord (For U.K. and Hong Kong only) | AY |
| ⚠14 | QACCL3019CEZZ | J | AC Cord (For Australia and New Zealand only) | AY |
| ⚠14 | QACCV4001CEZZ | J | AC Cord (Not for U.K., Hong Kong, Australia and New Zealand ) | AX |
| 15-1 | RLCDP0026CEZZ | J | LCD Module Unit | DS |
| 15-2 | *Not Used* | | | |
| 15-3 | QCNW-4513CEZZ | J | FFC | AK |
| 15-4 | RCORF0044CEZ | J | Core | AK |
| 15-5 | PSPAT0023CEZZ | J | Teflon Tape | AC |
| 16 | *Not Available* | – | Main Unit | — |
| 17 | *Not Available* | – | R/C Receiver Unit | — |
| 18 | *Not Available* | – | Power Switch Unit | — |
| 19 | *Not Available* | – | Power Ballast Unit | — |
| 20 | *Not Available* | – | PC I/F Unit | — |
| 21 | LANGQ9185CEFW | J | Angle | AE |
| ⚠22 | QCNW-4553CEZZ | J | AC-Inlet | AP |
| 23 | XHPSD30P08000 | J | Screw, x4 | AA |
| 24 | JKNBP1065CESB | J | Knob, AC Switch | AC |
| 25 | *Not Used* | | | |
| 26 | QCNW-4432CEZZ | J | Connecting Wire, (PA) | AL |
| 27 | QCNW-4513CEZZ | J | FFC, for LCD Module Unit | AK |
| 28 | LX-HZ3067CESD | J | Screw, x1 | AC |
| 29 | LX-HZ3084CESA | J | Screw, x1 | AC |
| 30 | LX-HZ3085CESA | J | Screw, x2 | AC |
| 31 | LX-TZ3060CESF | J | Screw, x6 | AB |
| 32 | XBPSD30P08KS0 | J | Screw, x1 | AA |
| 33 | XEPSD30P06000 | J | Screw, x1 | AA |
| 34 | *Not Used* | | | |
| 35 | XEPSD40P12000 | J | Screw, x9 | AA |
| 36 | XHPSD30P08WS0 | J | Screw, x5 | AA |
| 37 | *Not Used* | | | |
| 38 | XTBSD40P30000 | J | Screw, x6 | AA |
| 39 | *Not Used* | | | |
| 40 | XEPSD30P08000 | J | Screw, x2 | AA |
| 41 | PSPAZ0192CEZZ | J | Spacer | AF |
| 42 | XEPSD40P16000 | J | Screw, x1 | AA |
| 43 | MSPRB0023CEFW | J | Angle | AD |
| 44 | PCOVU9010CE00 | J | Light Shield Plate | AB |
| 45 | PSPAZ0212CEZZ | J | Spacer, x2 | AF |
| 46 | QEARP0074CEFW | J | Earth Spring | AD |
| 47 | RTRNC0059CEZZ | J | Choke Trans. (For Europe, U.K., Australia and New Zealand only) | BB |
| 47 | QCNW-4560CEZZ | J | Connecting Cord, (PC) (Not for Europe, U.K., Australia and New Zealand ) | AF |
| 48 | *Not Used* | | | |
| 49 | RCORF0054CEZZ | J | Ferrite Core | AK |
| 50 | QEARP0075CEFW | J | Earth Spring | AE |

# SUPPLIED ACCESSORIES

## ACCESSORIES

| | | | |
|---|---|---|---|
| PFiLD0047CEZZ | J | Extra Air Filter | AF |
| QCNW-4422CEZZ | J | VGA Cable | BH |
| QPLGJ1505CEZZ | J | Mac/VGA Adaptor | AZ |
| RRMCG1263CESA | J | Infrared R/C Unit | BS |
| TINS-5946CEZZ | J | Operation Manual | AS |

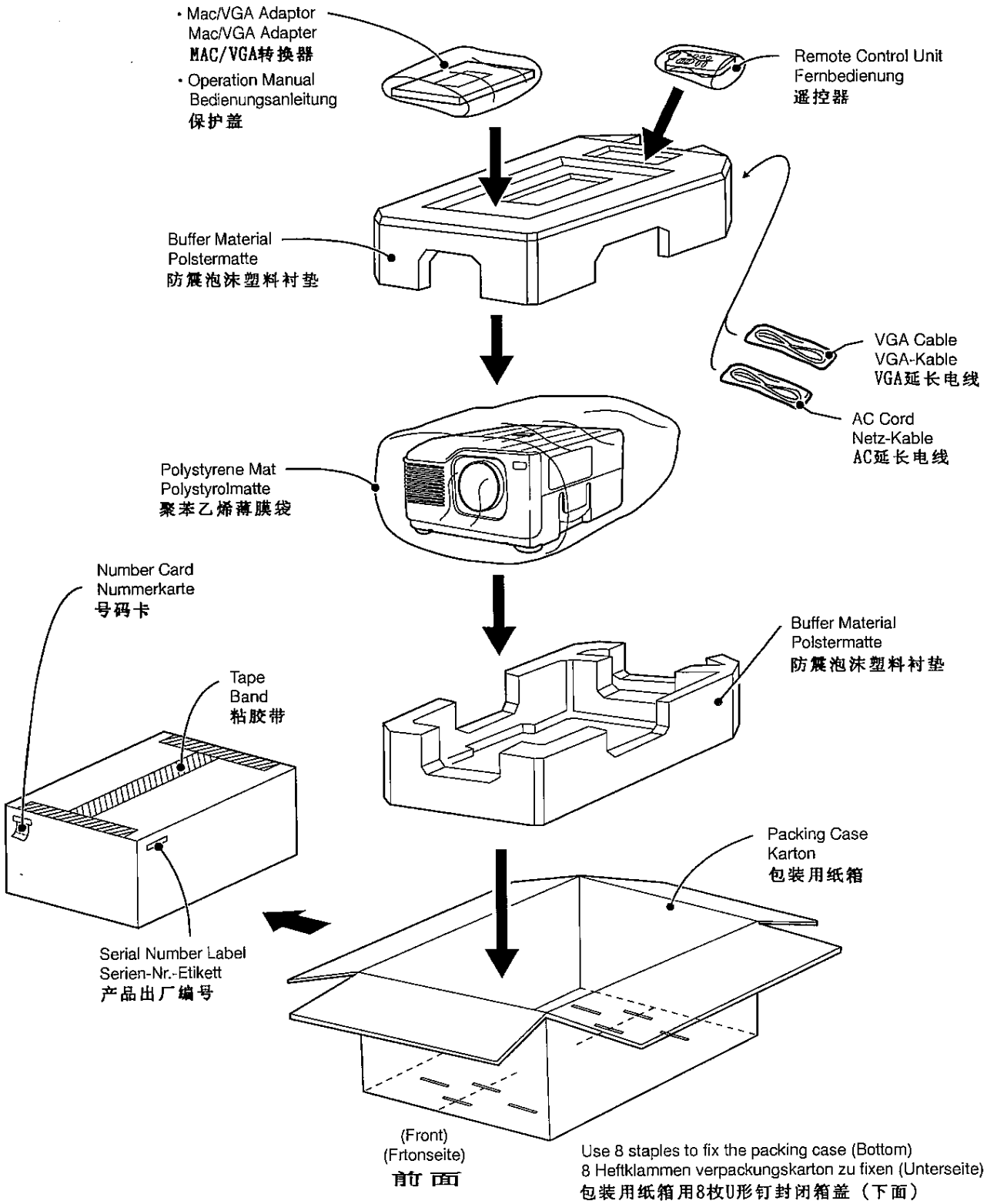
## ACCESSORIES (NOT REPLACEMENT ITEM)

| | | | |
|---|---|---|---|
| TCADS3003CEZZ | – | SS-List (Not for U.K., Hong Kong Australia and New Zealand) | — |
| TCADZ3093CEZZ | – | Register Card (For Europe only) | — |
| TGANE0050TAZZ | – | Guarantee Card (For Australia and New Zealand only) | — |
| UBATU0026GEZZ | – | Dry Batteries | — |

# PACKING PARTS (NOT REPLACEMENT ITEM)

| | | | |
|---|---|---|---|
| SPAKC4984CEZZ | – | Packing Case | — |
| SPAKP0787CEZZ | – | Polystyrene Mat | — |
| SPAKX2709CEZZ | – | Buffer Material | — |
| TLABK0001TAZZ | – | Number Card | — |
| TLABN0157CEZZ | – | Serial Number Label | — |

# PACKING OF THE SET
# VERPACKEN DES GERÄTS
## 包装方法



XG-3790E

SHARP

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